

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073124\
 Data File : BN033119.D
 Acq On : 31 Jul 2024 00:49
 Operator : MA/JU
 Sample : PB162359BL
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162359BL

Quant Time: Jul 31 03:43:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 10:37:08 2024
 Response via : Initial Calibration

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

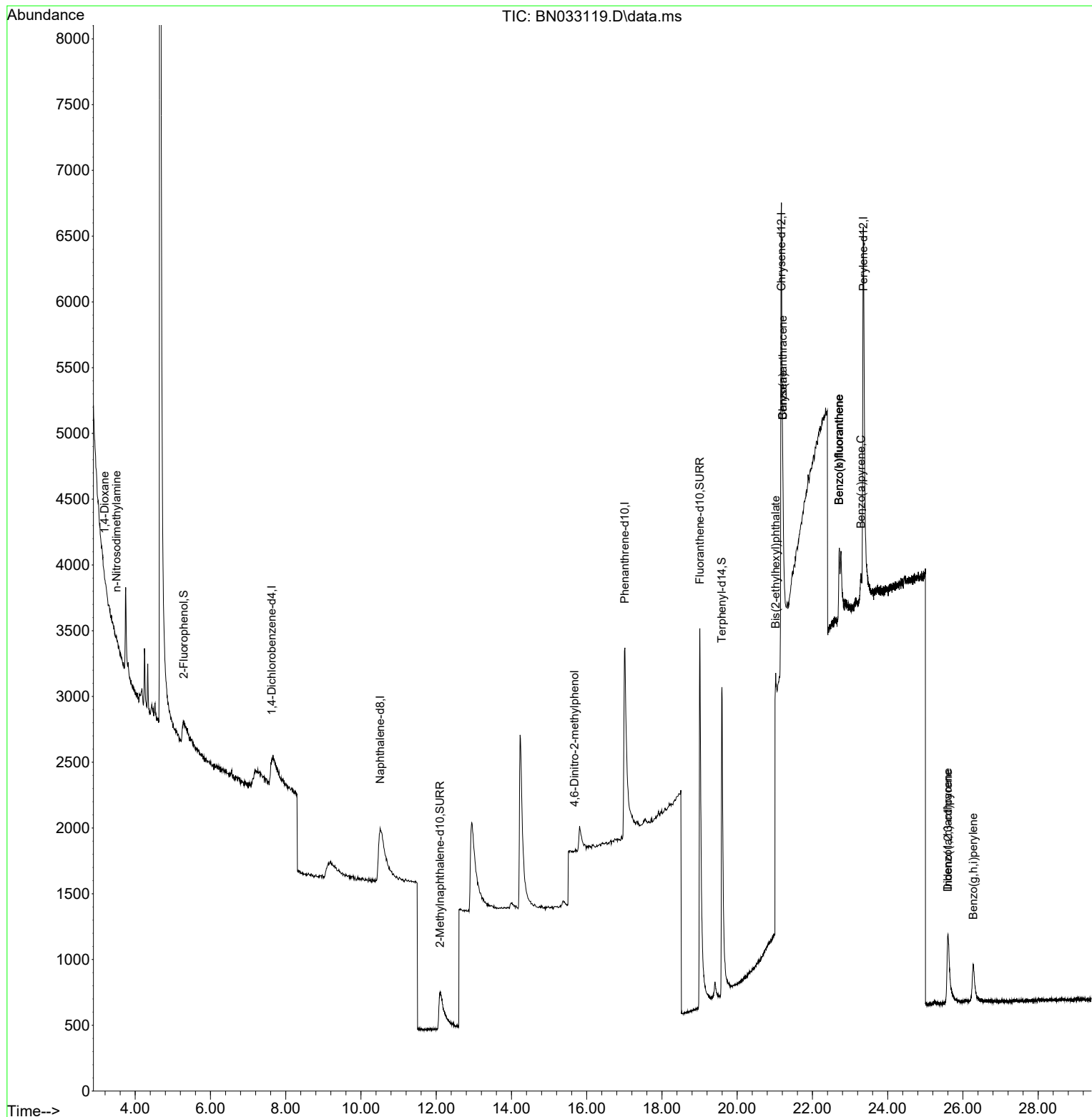
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	163	0.400	ng	# 0.10
7) Naphthalene-d8	10.511	136	3066	0.400	ng	# 0.18
13) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.17
19) Phenanthrene-d10	17.014	188	5727	0.400	ng	# 0.06
29) Chrysene-d12	21.176	240	6136	0.400	ng	# 0.02
35) Perylene-d12	23.350	264	6282	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.293	112	572	1.387	ng	0.05
5) Phenol-d6	6.997	99	3	0.006	ng	0.09
8) Nitrobenzene-d5	8.910	82	14	0.006	ng	0.05
11) 2-Methylnaphthalene-d10	12.101	152	2148	0.458	ng	0.16
14) 2,4,6-Tribromophenol	15.810	330	261	0.000	ng	0.07
15) 2-Fluorobiphenyl	12.936	172	2478	0.000	ng	0.11
27) Fluoranthene-d10	19.008	212	7285	0.492	ng	0.02
31) Terphenyl-d14	19.594	244	5448	0.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.184	88	6	0.030	ng	# 66
3) n-Nitrosodimethylamine	3.502	42	16	0.094	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.673	198	4	0.296	ng	# 9
32) Benzo(a)anthracene	21.212	228	1461	0.075	ng	# 76
33) Chrysene	21.212	228	1879	0.081	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.024	149	2840	0.264	ng	# 82
36) Indeno(1,2,3-cd)pyrene	25.604	276	998	0.040	ng	# 74
37) Benzo(b)fluoranthene	22.710	252	815	0.037	ng	# 1
38) Benzo(k)fluoranthene	22.710	252	815	0.033	ng	# 1
39) Benzo(a)pyrene	23.289	252	527	0.027	ng	# 1
40) Dibenzo(a,h)anthracene	25.596	278	712	0.036	ng	# 1
41) Benzo(g,h,i)perylene	26.274	276	897	0.041	ng	# 34

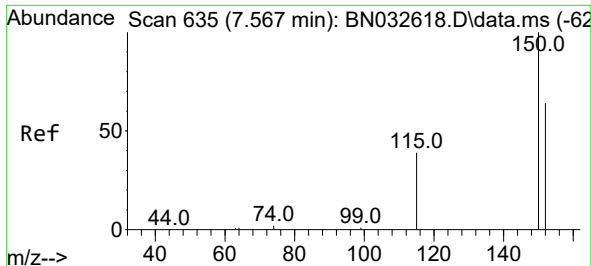
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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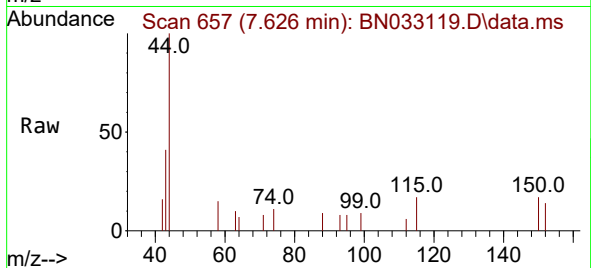
Quant Time: Jul 31 03:43:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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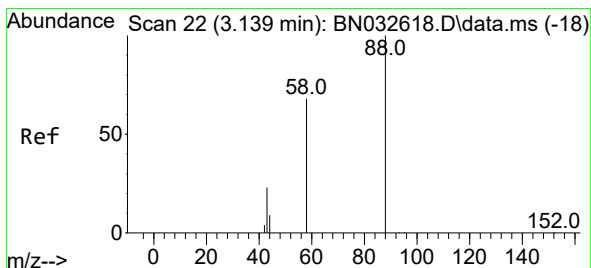
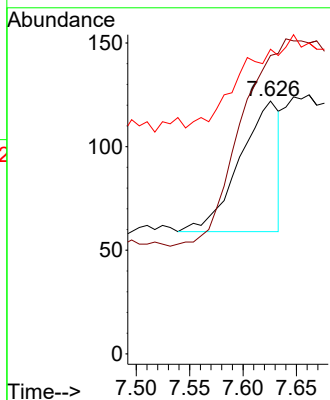
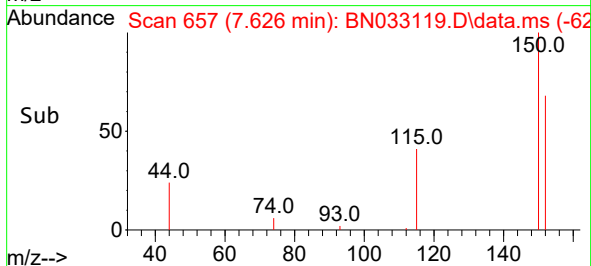


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.626 min Scan# 61
 Delta R.T. 0.102 min
 Lab File: BN033119.D
 Acq: 31 Jul 2024 00:49

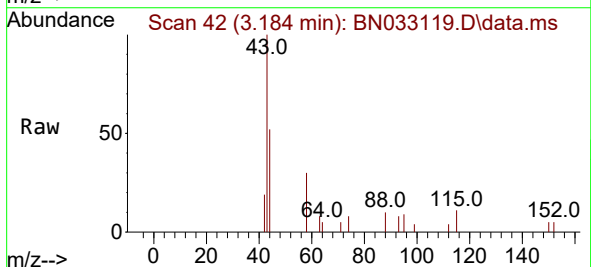
Instrument :
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 ClientSampleId :
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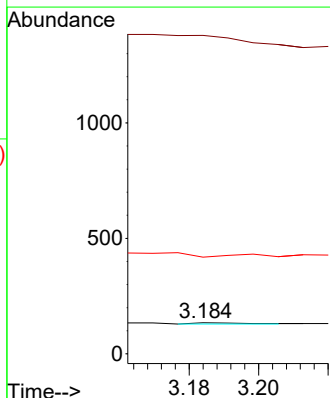
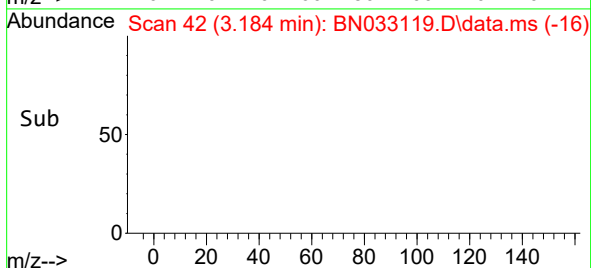
Tgt Ion:152 Resp: 163
 Ion Ratio Lower Upper
 152 100
 150 118.0 123.8 185.6#
 115 120.5 52.8 79.2#

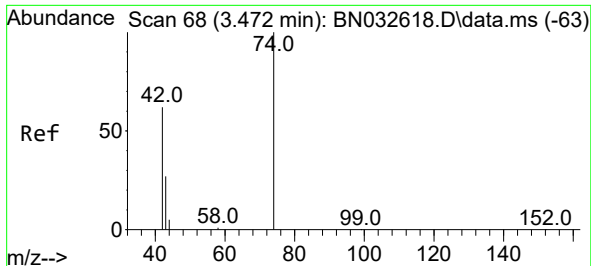


#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.184 min Scan# 42
 Delta R.T. 0.087 min
 Lab File: BN033119.D
 Acq: 31 Jul 2024 00:49



Tgt Ion: 88 Resp: 6
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 83.3 49.2 73.8#

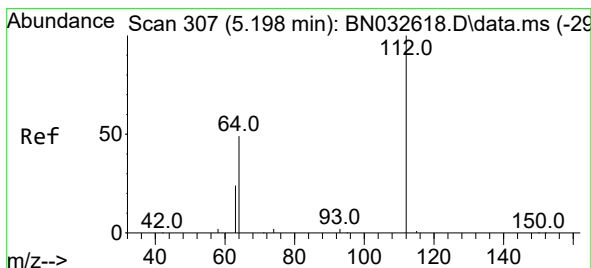
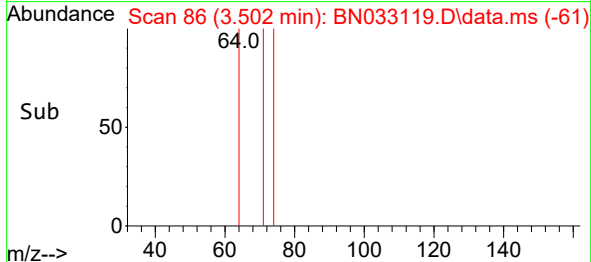
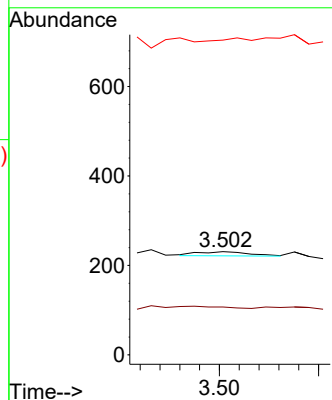
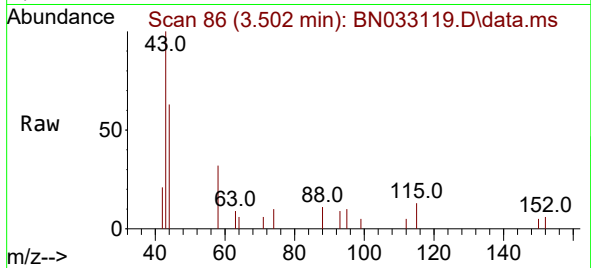




#3
n-Nitrosodimethylamine
Concen: 0.094 ng
RT: 3.502 min Scan# 80
Delta R.T. 0.029 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

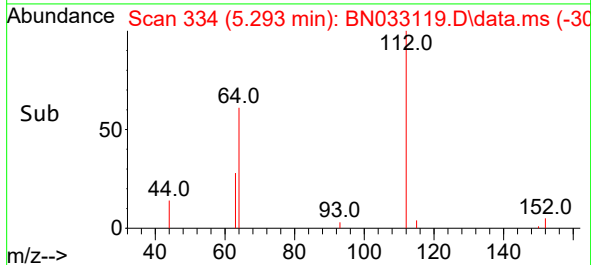
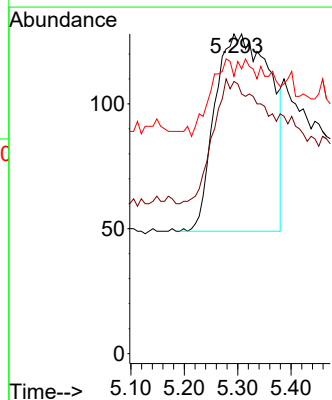
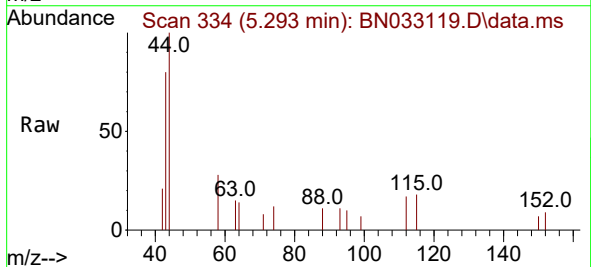
Instrument :
BNA_N
ClientSampleId :
PB162359BL

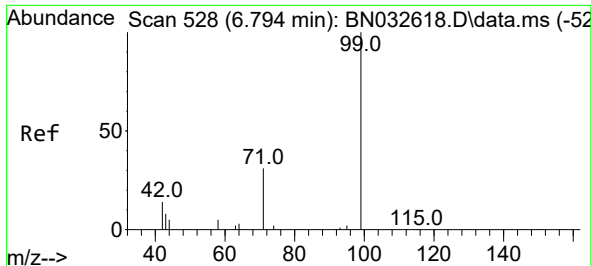
Tgt Ion: 42 Resp: 16
Ion Ratio Lower Upper
42 100
74 0.0 126.9 190.3#
44 81.3 4.8 7.2#



#4
2-Fluorophenol
Concen: 1.387 ng
RT: 5.293 min Scan# 334
Delta R.T. 0.051 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

Tgt Ion: 112 Resp: 572
Ion Ratio Lower Upper
112 100
64 58.2 40.2 60.4
63 14.5 22.2 33.4#

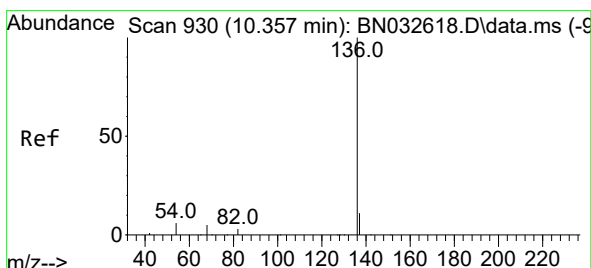
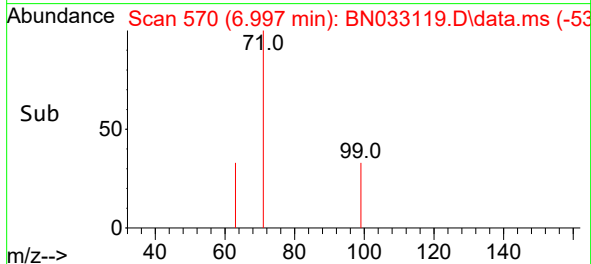
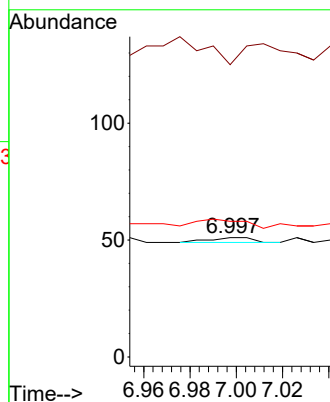
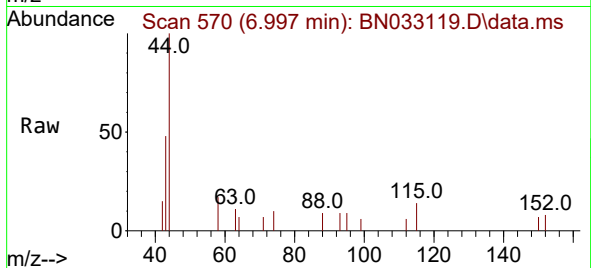




#5
Phenol-d6
Concen: 0.006 ng
RT: 6.997 min Scan# 51
Delta R.T. 0.094 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

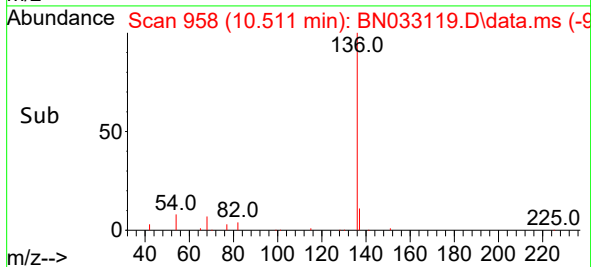
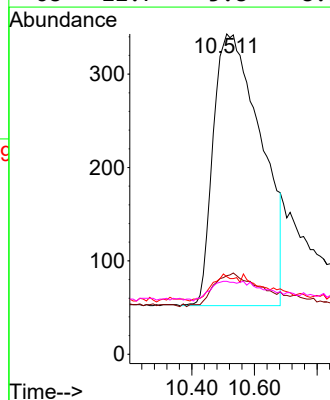
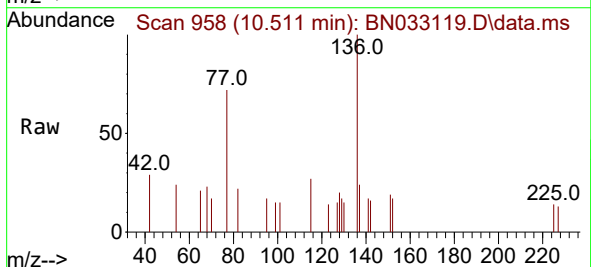
Instrument :
BNA_N
ClientSampleId :
PB162359BL

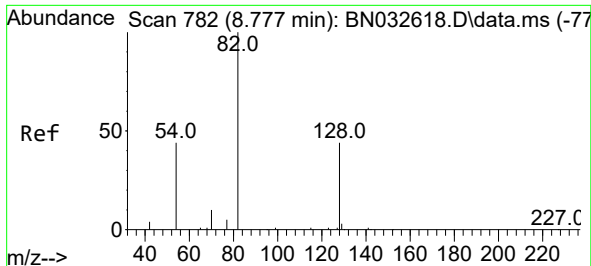
Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 200.0 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.511 min Scan# 958
Delta R.T. 0.182 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

Tgt Ion: 136 Resp: 3066
Ion Ratio Lower Upper
136 100
137 24.5 9.9 14.9#
54 24.2 6.5 9.7#
68 22.7 5.8 8.8#

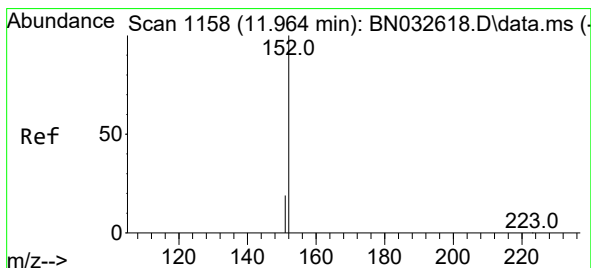
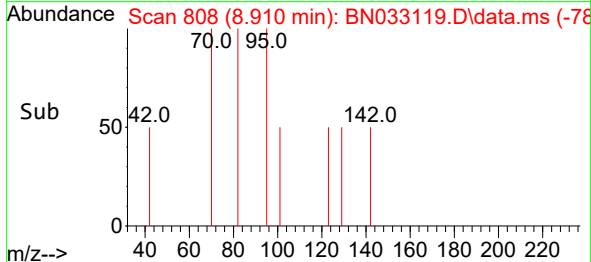
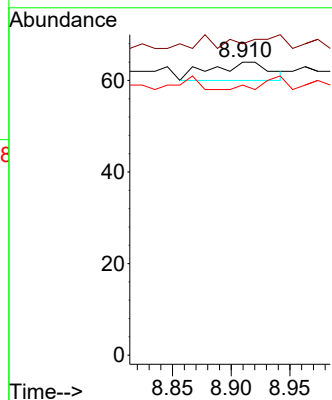
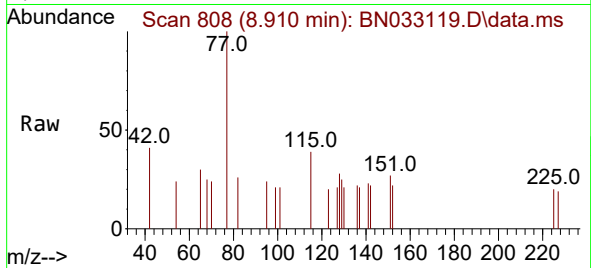




#8
Nitrobenzene-d5
Concen: 0.006 ng
RT: 8.910 min Scan# 80
Delta R.T. 0.054 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

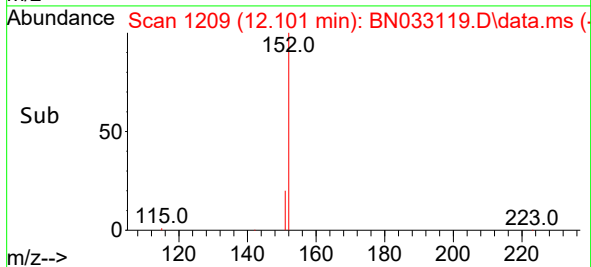
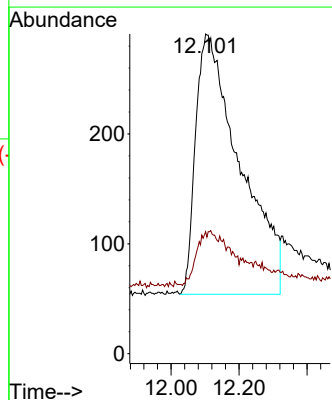
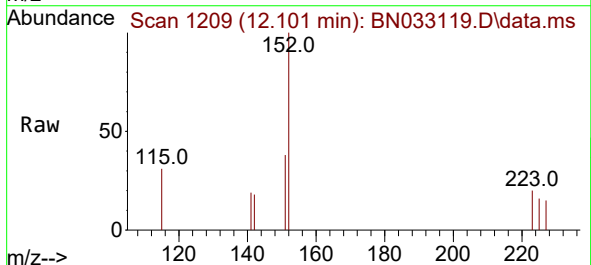
Instrument :
BNA_N
ClientSampleId :
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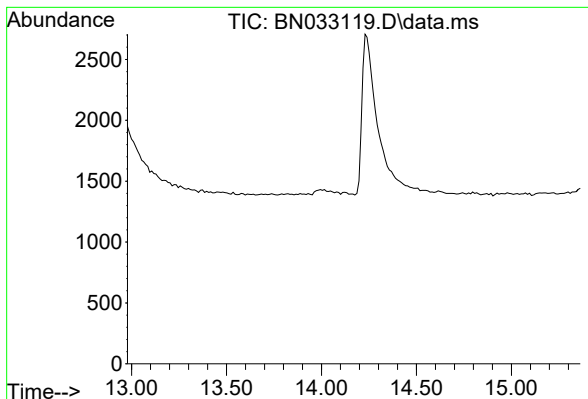
Tgt Ion: 82 Resp: 14
Ion Ratio Lower Upper
82 100
128 106.3 41.7 62.5#
54 92.2 39.5 59.3#



#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 12.101 min Scan# 1209
Delta R.T. 0.155 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

Tgt Ion: 152 Resp: 2148
Ion Ratio Lower Upper
152 100
151 5.1 16.2 24.2#



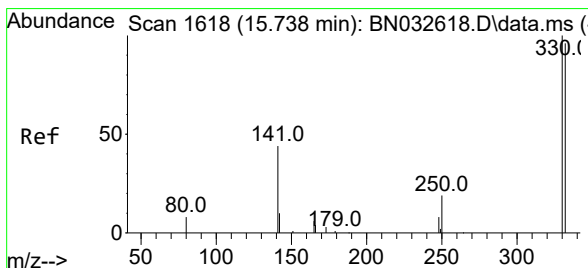
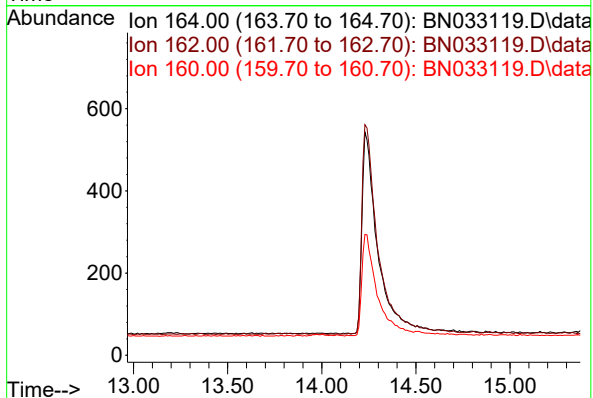


#13
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.17 min
 Lab File: BN033119.D
 Acq: 31 Jul 2024 00:49

Instrument :
 BNA_N
 ClientSampleId :
 PB162359BL

Tgt Ion: 164

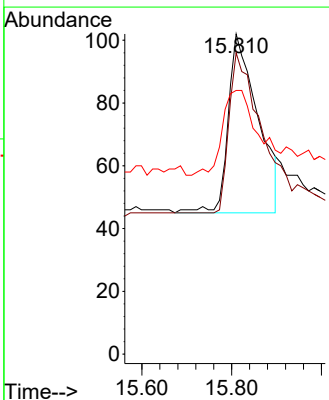
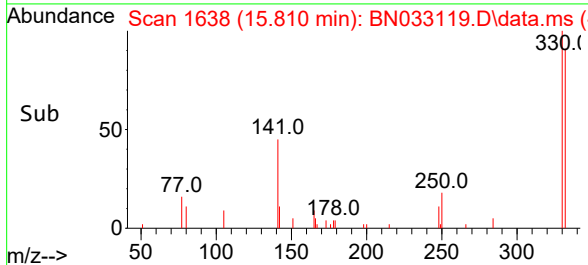
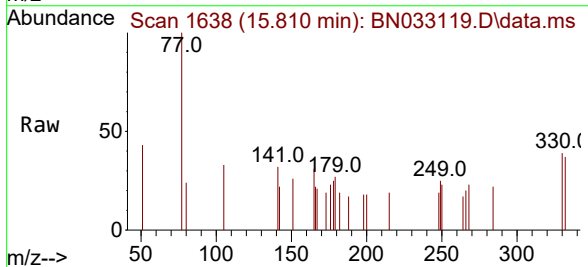
Sig	Exp Ratio
164	100
162	106.2
160	49.3

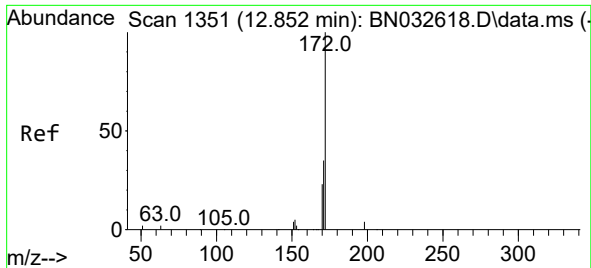


#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 15.810 min Scan# 1638
 Delta R.T. 0.069 min
 Lab File: BN033119.D
 Acq: 31 Jul 2024 00:49

Tgt Ion: 330 Resp: 261

Ion	Ratio	Lower	Upper
330	100		
332	90.0	77.8	116.8
141	56.3	34.2	51.2

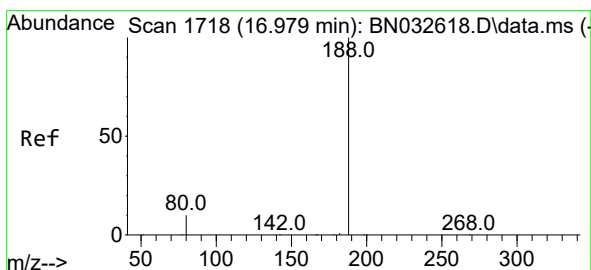
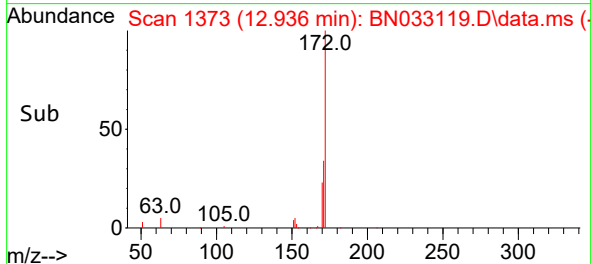
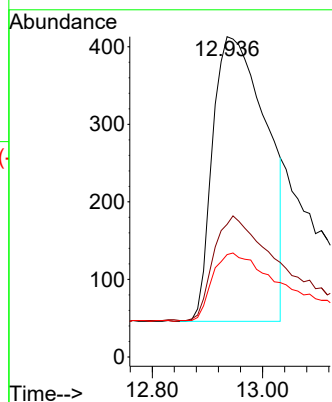
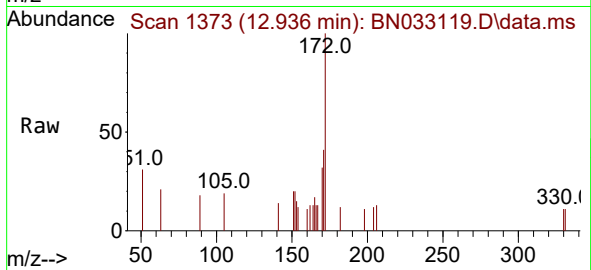




#15
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 12.936 min Scan# 11
Delta R.T. 0.114 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

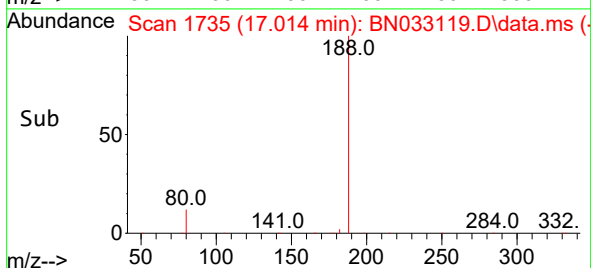
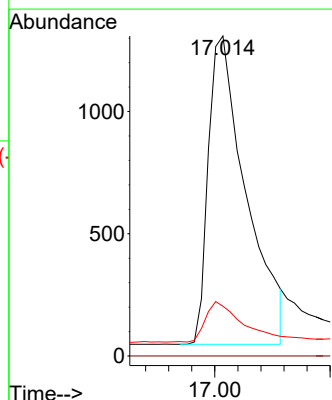
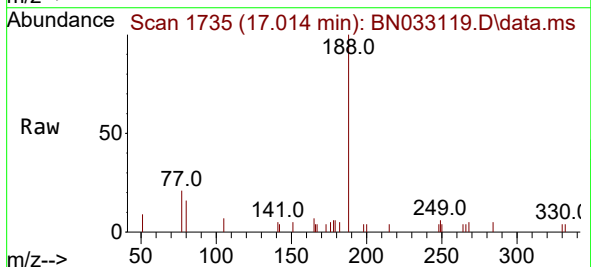
Instrument :
BNA_N
ClientSampleId :
PB162359BL

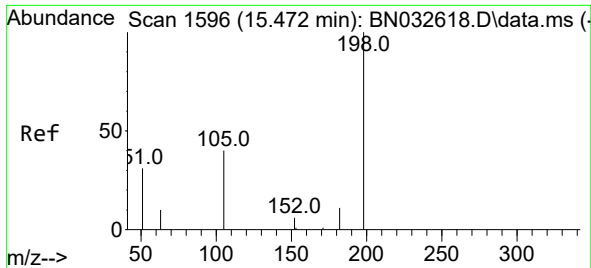
Tgt Ion:172 Resp: 2478
Ion Ratio Lower Upper
172 100
171 41.4 28.6 43.0
170 32.0 19.0 28.6#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.014 min Scan# 1735
Delta R.T. 0.057 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

Tgt Ion:188 Resp: 5727
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 8.8 13.2#

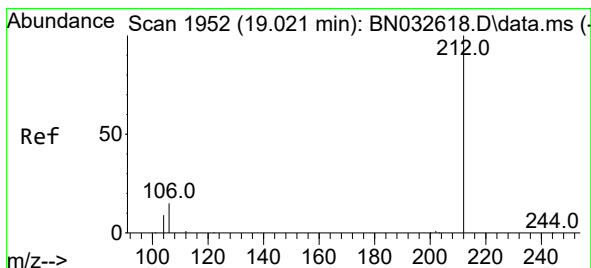
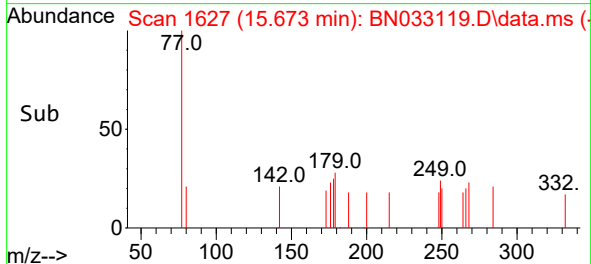
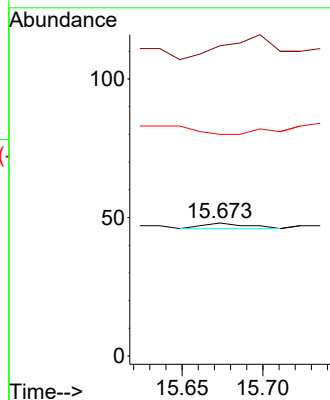
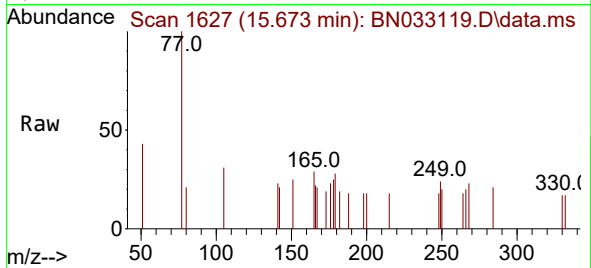




#20
4,6-Dinitro-2-methylphenol
Concen: 0.296 ng
RT: 15.673 min Scan# 1
Delta R.T. 0.082 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

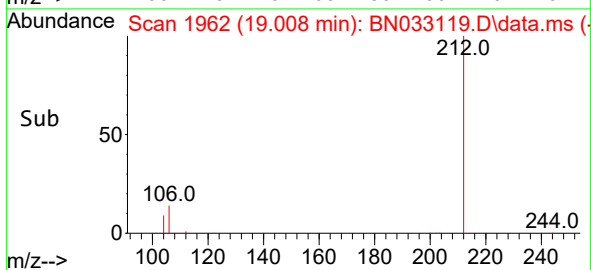
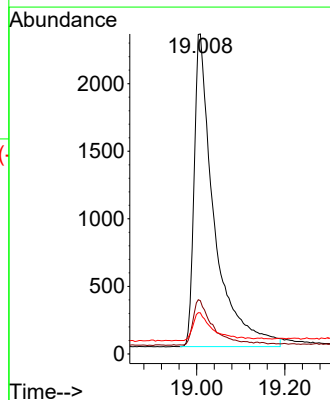
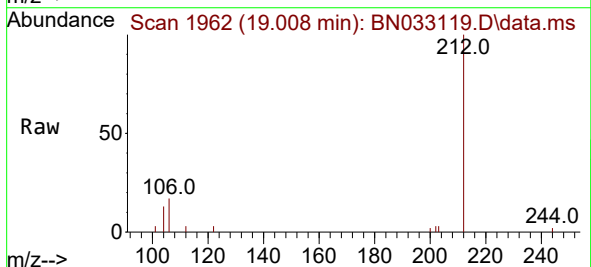
Instrument :
BNA_N
ClientSampleId :
PB162359BL

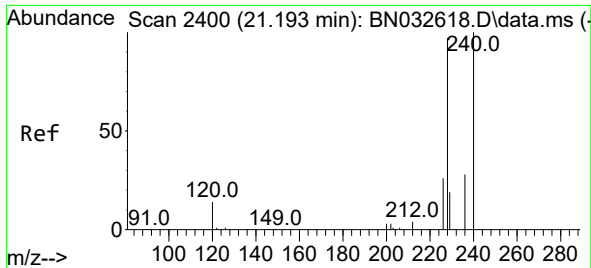
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 233.3 105.7 158.5#
105 166.7 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.492 ng
RT: 19.008 min Scan# 1962
Delta R.T. 0.016 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

Tgt Ion:212 Resp: 7285
Ion Ratio Lower Upper
212 100
106 13.6 11.9 17.9
104 8.3 6.9 10.3

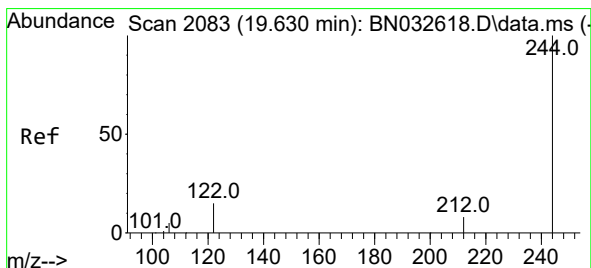
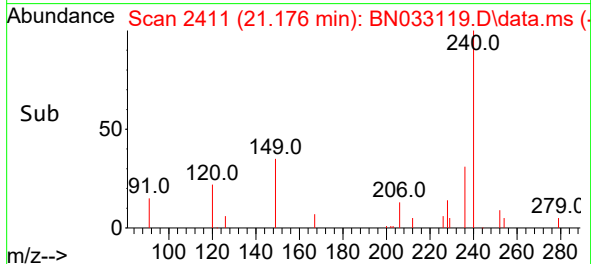
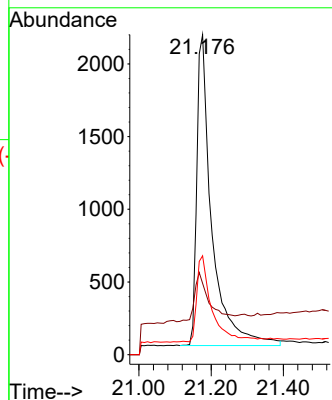
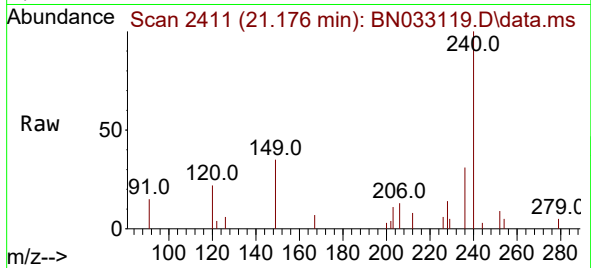




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.176 min Scan# 2411
Delta R.T. 0.016 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

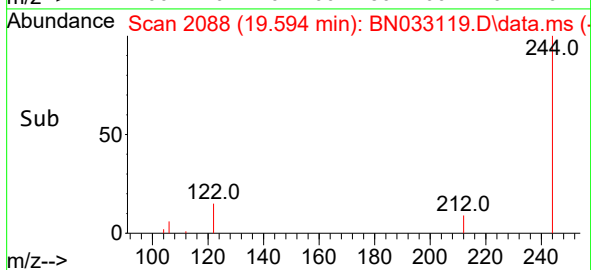
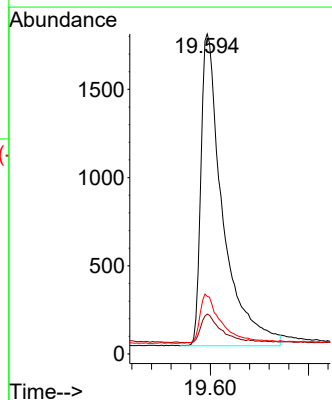
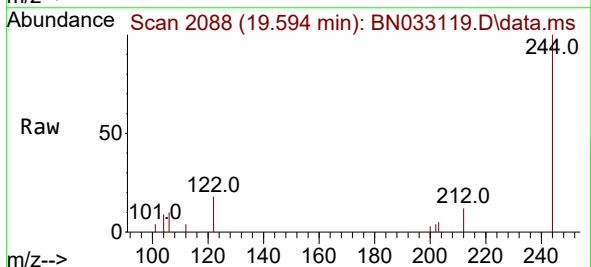
Instrument :
BNA_N
ClientSampleId :
PB162359BL

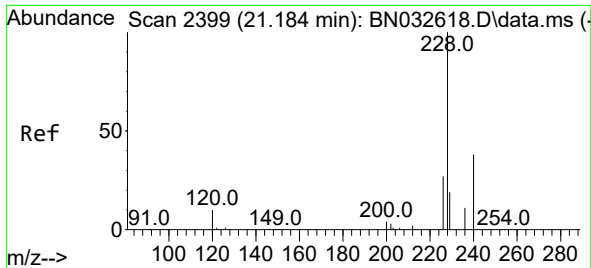
Tgt Ion:240 Resp: 6136
Ion Ratio Lower Upper
240 100
120 22.3 14.8 22.2#
236 30.9 23.3 34.9



#31
Terphenyl-d14
Concen: 0.433 ng
RT: 19.594 min Scan# 2088
Delta R.T. -0.002 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

Tgt Ion:244 Resp: 5448
Ion Ratio Lower Upper
244 100
212 12.5 7.5 11.3#
122 18.0 12.6 19.0

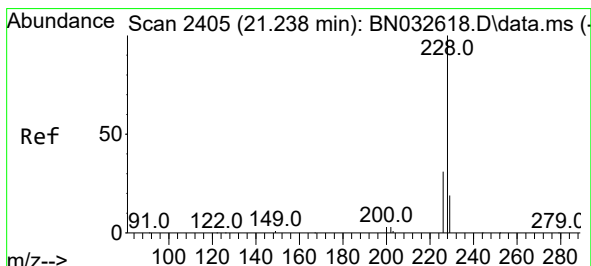
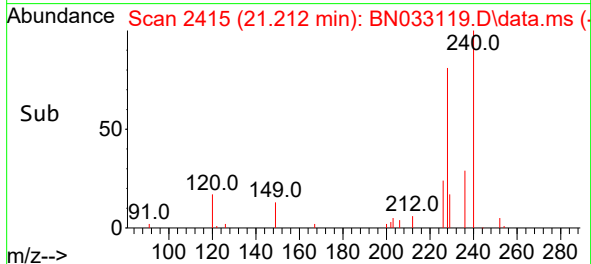
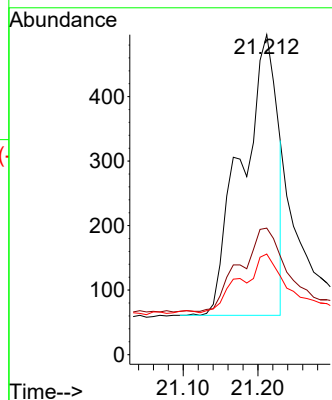
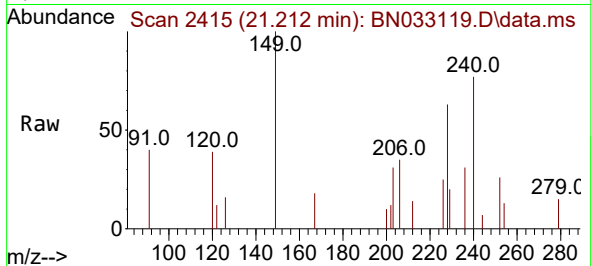




#32
Benzo(a)anthracene
Concen: 0.075 ng
RT: 21.212 min Scan# 2415
Delta R.T. 0.060 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

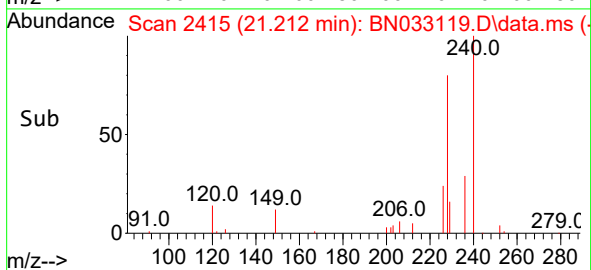
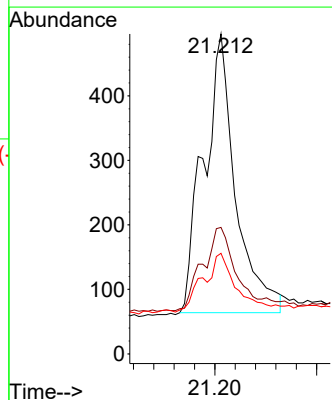
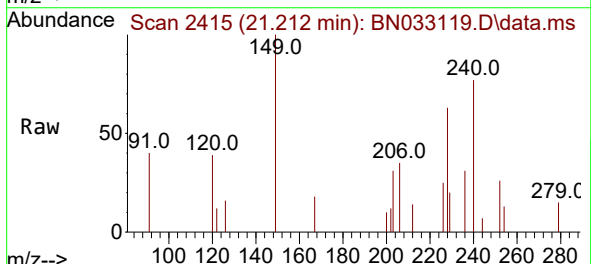
Instrument :
BNA_N
ClientSampleId :
PB162359BL

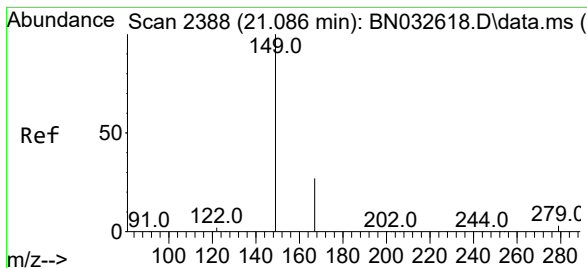
Tgt Ion:228 Resp: 1461
Ion Ratio Lower Upper
228 100
226 39.5 21.8 32.6#
229 31.5 16.0 24.0#



#33
Chrysene
Concen: 0.081 ng
RT: 21.212 min Scan# 2415
Delta R.T. 0.016 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

Tgt Ion:228 Resp: 1879
Ion Ratio Lower Upper
228 100
226 39.5 24.2 36.2#
229 31.5 16.0 24.0#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.264 ng
 RT: 21.024 min Scan# 21024
 Delta R.T. -0.002 min
 Lab File: BN033119.D
 Acq: 31 Jul 2024 00:49

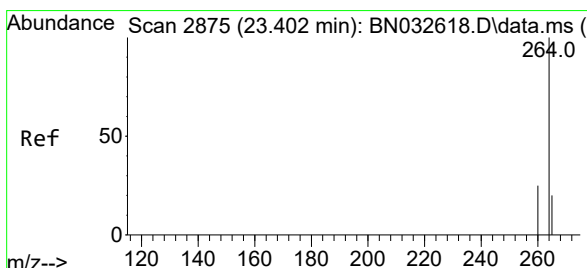
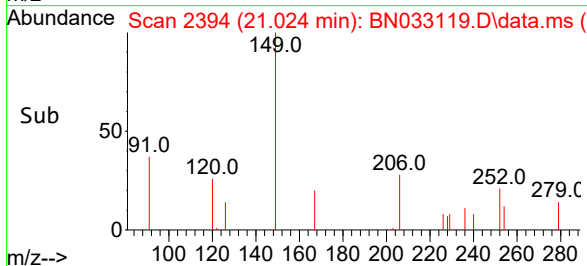
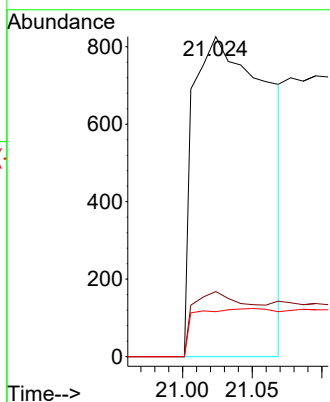
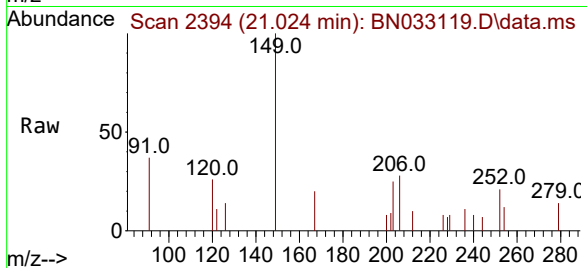
Instrument :

BNA_N

ClientSampleId :

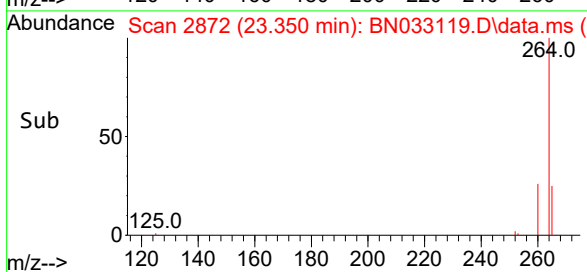
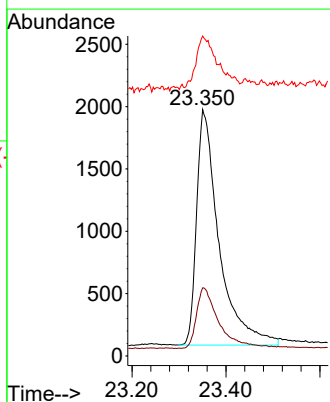
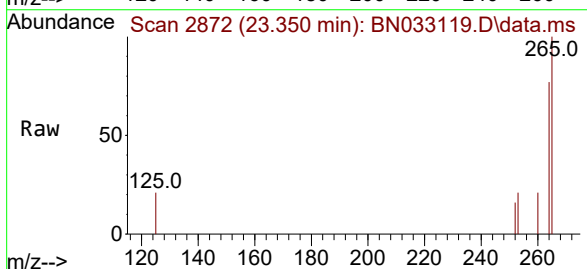
PB162359BL

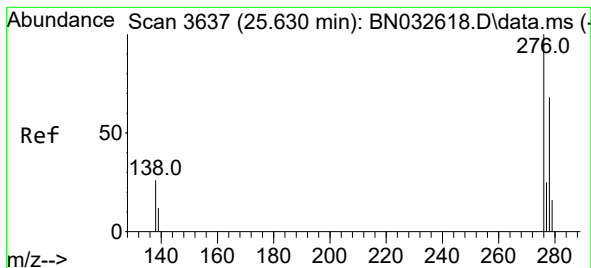
Tgt Ion:149 Resp: 2840
 Ion Ratio Lower Upper
 149 100
 167 16.8 21.4 32.2#
 279 0.0 2.8 4.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.350 min Scan# 2872
 Delta R.T. -0.002 min
 Lab File: BN033119.D
 Acq: 31 Jul 2024 00:49

Tgt Ion:264 Resp: 6282
 Ion Ratio Lower Upper
 264 100
 260 27.7 20.9 31.3
 265 129.9 85.4 128.2#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.040 ng

RT: 25.604 min Scan# 3

Delta R.T. 0.030 min

Lab File: BN033119.D

Acq: 31 Jul 2024 00:49

Instrument :

BNA_N

ClientSampleId :

PB162359BL

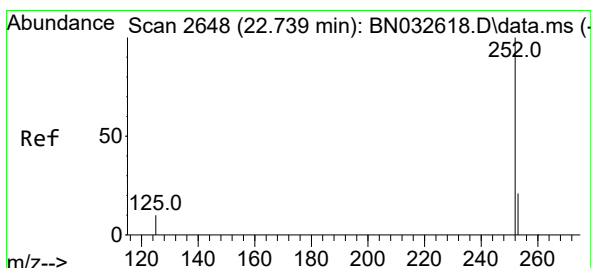
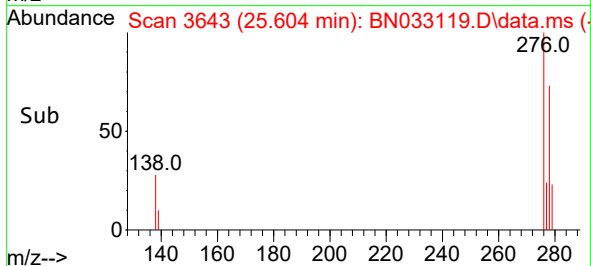
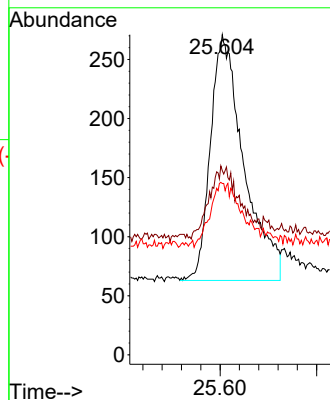
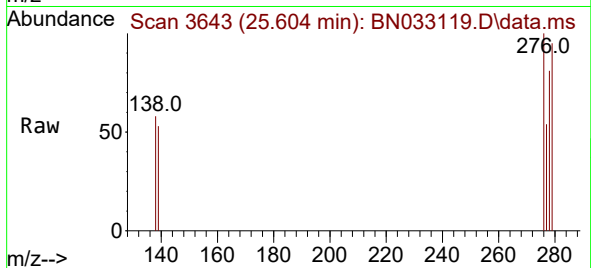
Tgt Ion:276 Resp: 998

Ion Ratio Lower Upper

276 100

138 12.9 21.0 31.4#

277 11.7 19.5 29.3#



#37

Benzo(b)fluoranthene

Concen: 0.037 ng

RT: 22.710 min Scan# 2653

Delta R.T. 0.012 min

Lab File: BN033119.D

Acq: 31 Jul 2024 00:49

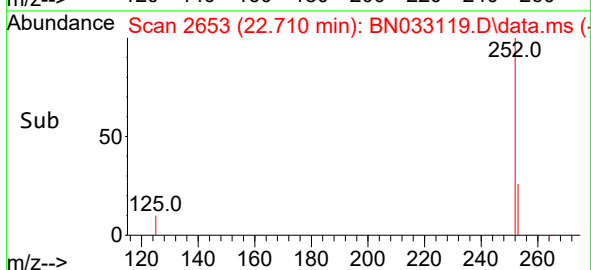
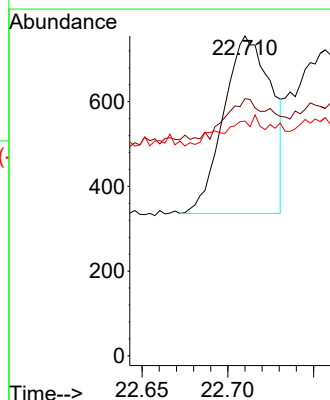
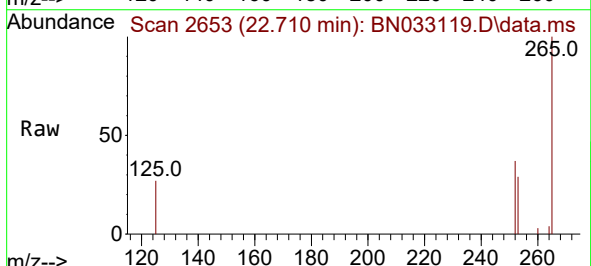
Tgt Ion:252 Resp: 815

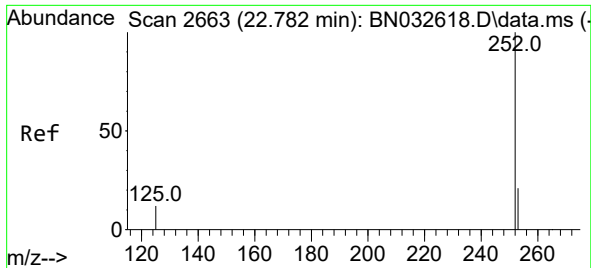
Ion Ratio Lower Upper

252 100

253 80.4 22.3 33.5#

125 73.4 15.4 23.2#

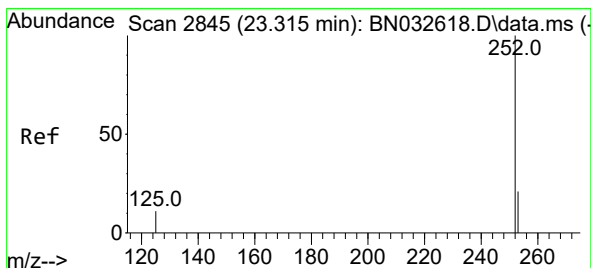
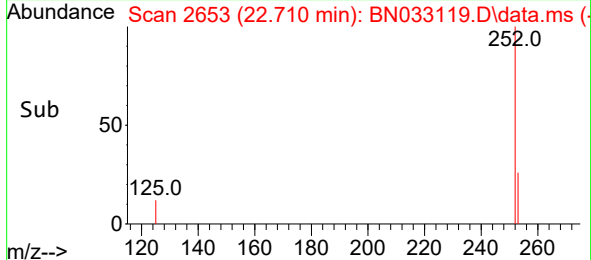
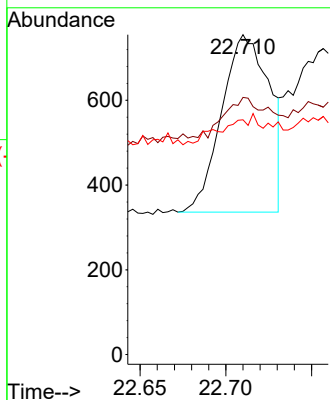
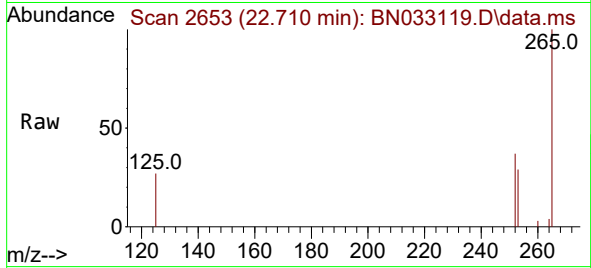




#38
Benzo(k)fluoranthene
Concen: 0.033 ng
RT: 22.710 min Scan# 20
Delta R.T. -0.031 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

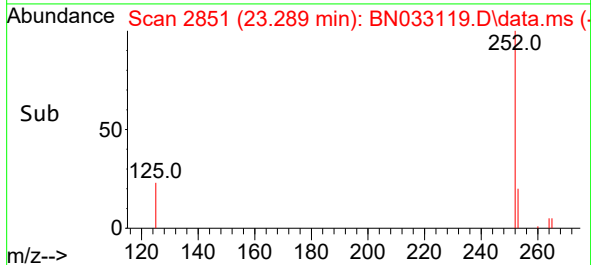
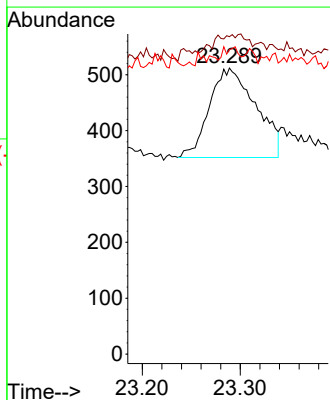
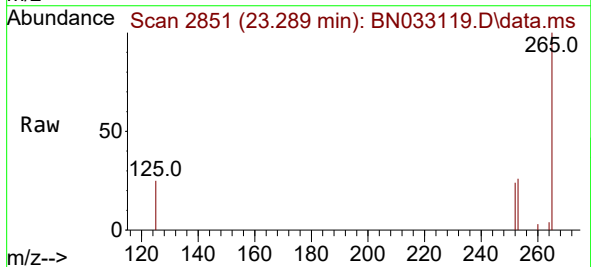
Instrument :
BNA_N
ClientSampleId :
PB162359BL

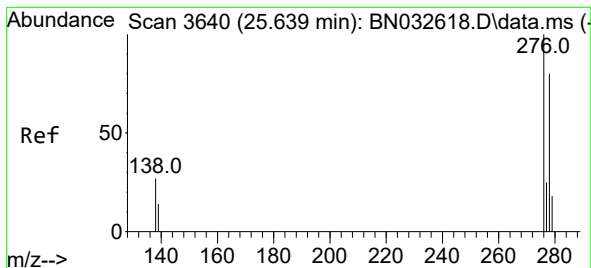
Tgt Ion:252 Resp: 815
Ion Ratio Lower Upper
252 100
253 80.4 22.6 34.0#
125 73.4 16.2 24.4#



#39
Benzo(a)pyrene
Concen: 0.027 ng
RT: 23.289 min Scan# 2851
Delta R.T. 0.012 min
Lab File: BN033119.D
Acq: 31 Jul 2024 00:49

Tgt Ion:252 Resp: 527
Ion Ratio Lower Upper
252 100
253 110.9 25.8 38.8#
125 106.4 21.4 32.2#





#40

Dibenzo(a,h)anthracene

Concen: 0.036 ng

RT: 25.596 min Scan# 3

Delta R.T. 0.021 min

Lab File: BN033119.D

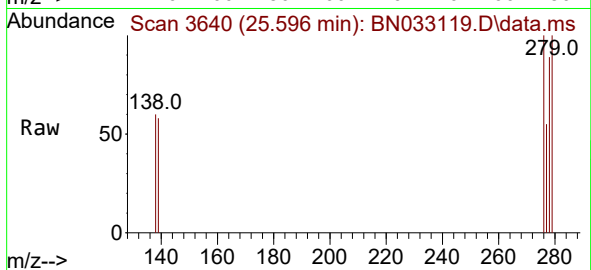
Acq: 31 Jul 2024 00:49

Instrument :

BNA_N

ClientSampleId :

PB162359BL



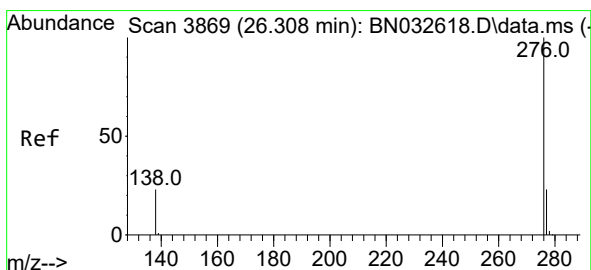
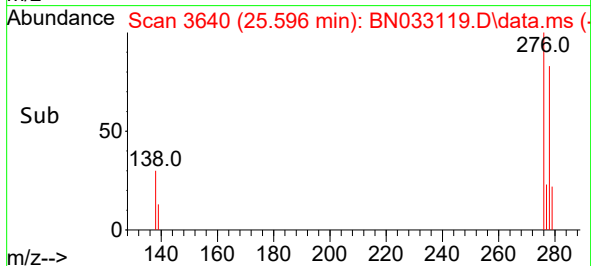
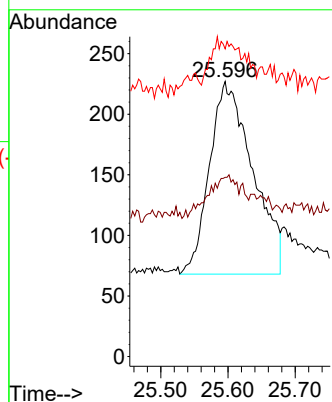
Tgt Ion:278 Resp: 712

Ion Ratio Lower Upper

278 100

139 65.2 16.7 25.1#

279 111.9 24.3 36.5#



#41

Benzo(g,h,i)perylene

Concen: 0.041 ng

RT: 26.274 min Scan# 3872

Delta R.T. 0.024 min

Lab File: BN033119.D

Acq: 31 Jul 2024 00:49

Tgt Ion:276 Resp: 897

Ion Ratio Lower Upper

276 100

277 57.5 20.2 30.2#

138 59.5 20.5 30.7#

