

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027660.D
 Acq On : 14 Sep 2023 01:38
 Operator : MA/JU
 Sample : 04327-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-090623

Quant Time: Sep 14 05:31:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

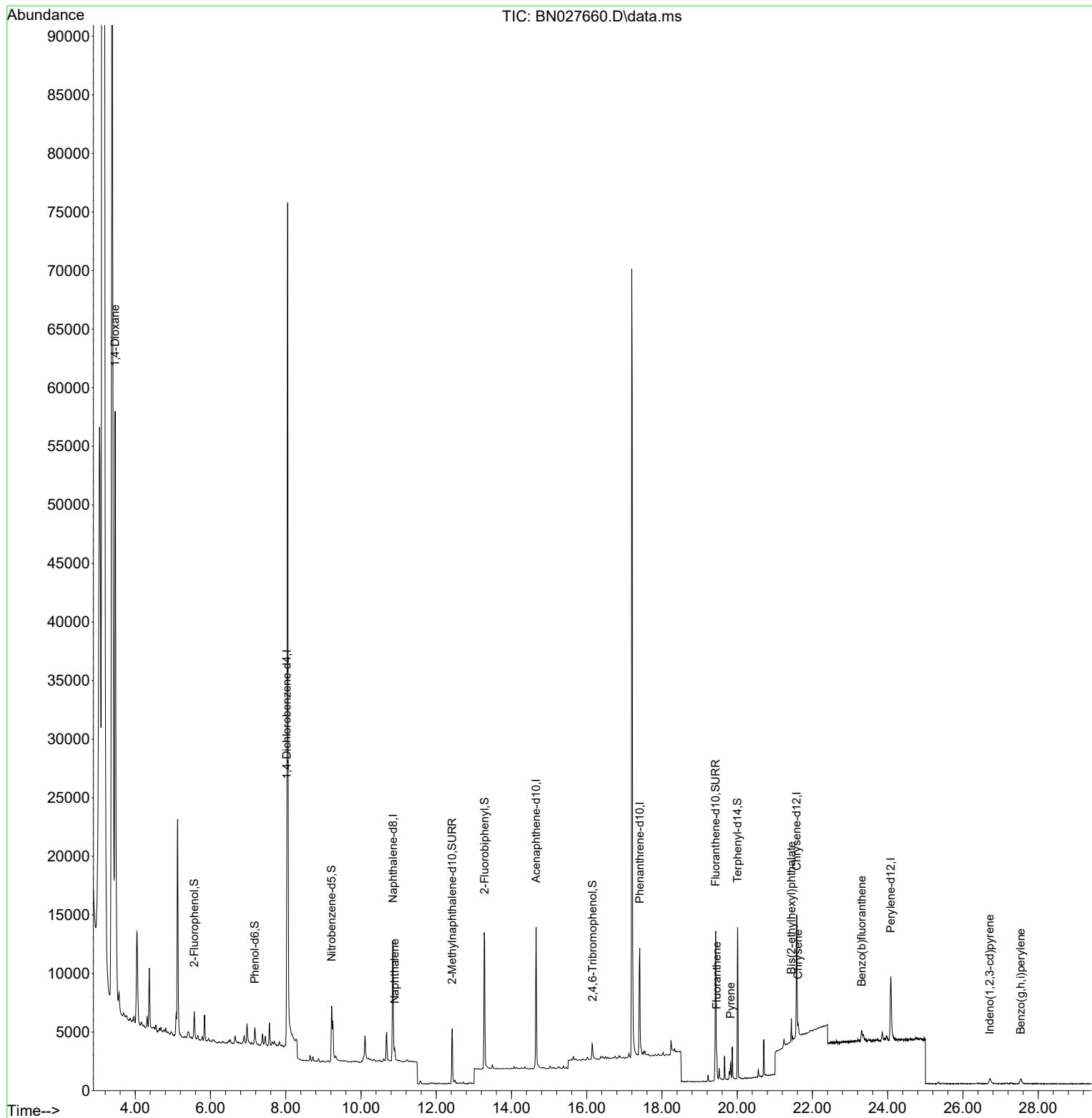
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	5799	0.400	ng	0.00
7) Naphthalene-d8	10.852	136	15528	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	7203	0.400	ng	0.00
19) Phenanthrene-d10	17.409	188	14098	0.400	ng	# 0.00
29) Chrysene-d12	21.581	240	10249	0.400	ng	0.00
35) Perylene-d12	24.083	264	9318	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	2160	0.143	ng	0.00
5) Phenol-d6	7.177	99	1325	0.072	ng	0.00
8) Nitrobenzene-d5	9.219	82	4395	0.388	ng	-0.01
11) 2-Methylnaphthalene-d10	12.422	152	6645	0.291	ng	0.00
14) 2,4,6-Tribromophenol	16.155	330	864	0.324	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	11743	0.429	ng	0.00
27) Fluoranthene-d10	19.429	212	14270	0.407	ng	0.00
31) Terphenyl-d14	20.009	244	12210	0.593	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.465	88	47751	6.745	ng	96
9) Naphthalene	10.895	128	946	0.022	ng	# 76
28) Fluoranthene	19.456	202	1666	0.034	ng	# 82
30) Pyrene	19.823	202	1294	0.032	ng	98
33) Chrysene	21.617	228	1053	0.027	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.438	149	1766	0.104	ng	96
36) Indeno(1,2,3-cd)pyrene	26.712	276	891	0.024	ng	99
37) Benzo(b)fluoranthene	23.309	252	1601	0.044	ng	# 1
41) Benzo(g,h,i)perylene	27.536	276	944	0.027	ng	# 57

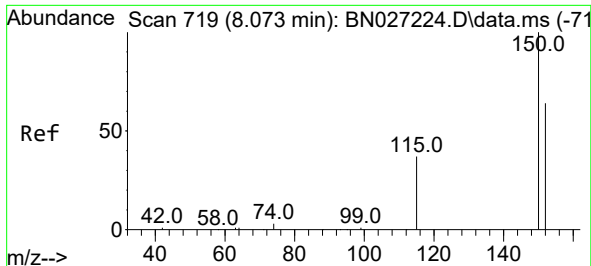
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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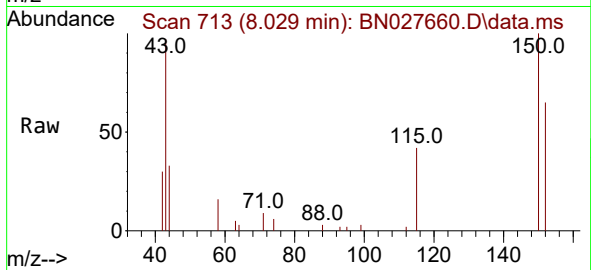
Quant Time: Sep 14 05:31:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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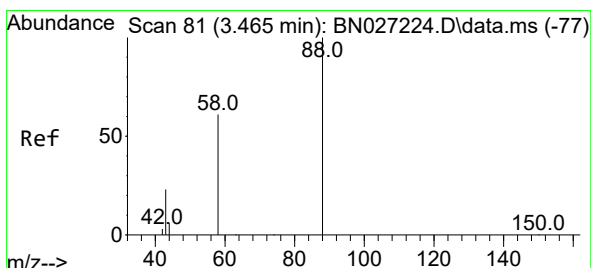
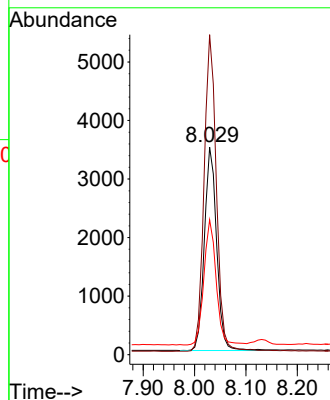
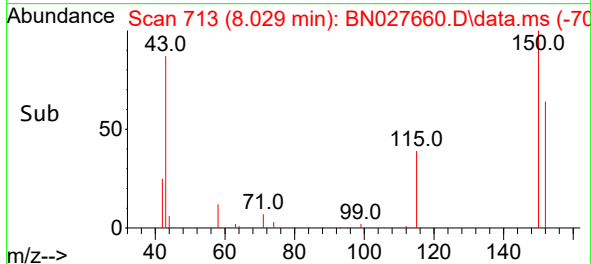


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.029 min Scan# 719
 Delta R.T. -0.008 min
 Lab File: BN027660.D
 Acq: 14 Sep 2023 01:38

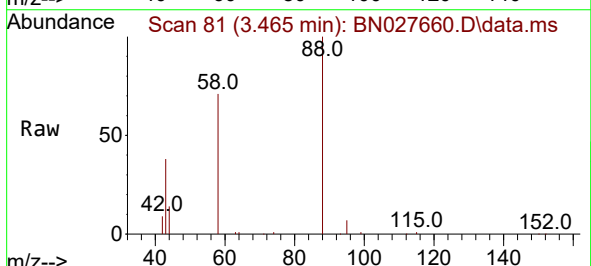
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-090623



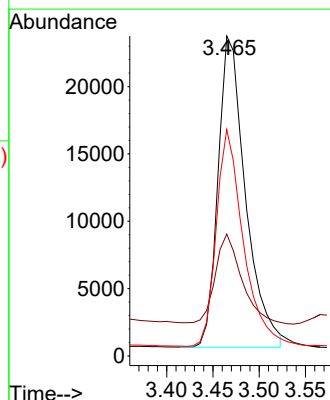
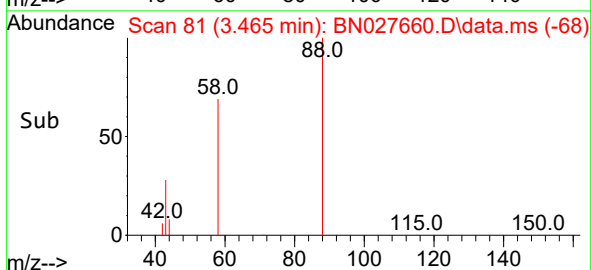
Tgt Ion:152 Resp: 5799
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.7 184.1
 115 64.9 48.6 73.0

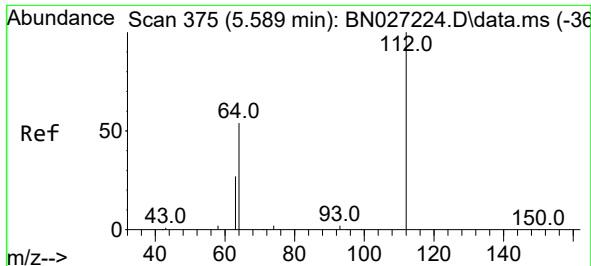


#2
 1,4-Dioxane
 Concen: 6.745 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.008 min
 Lab File: BN027660.D
 Acq: 14 Sep 2023 01:38



Tgt Ion: 88 Resp: 47751
 Ion Ratio Lower Upper
 88 100
 43 26.8 19.1 28.7
 58 68.1 52.2 78.2





#4

2-Fluorophenol

Concen: 0.143 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.008 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

Instrument :

BNA_N

ClientSampleId :

BR-03-127-090623

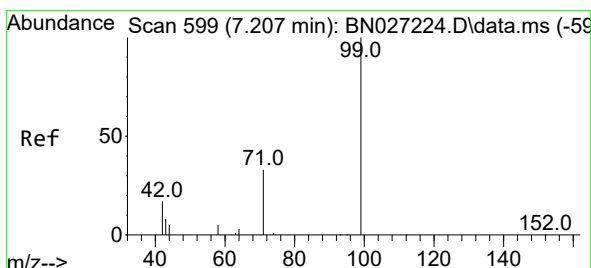
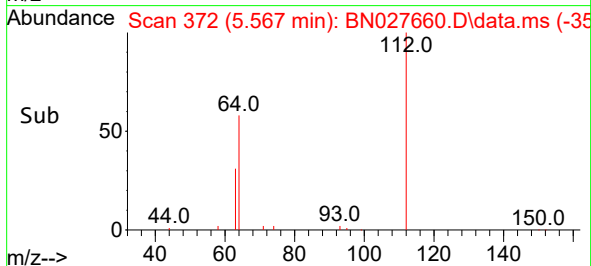
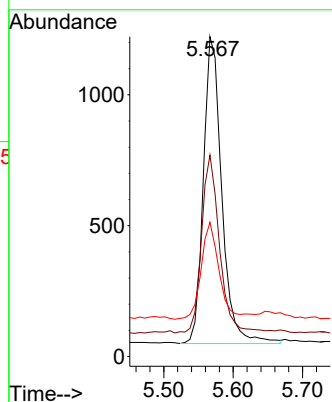
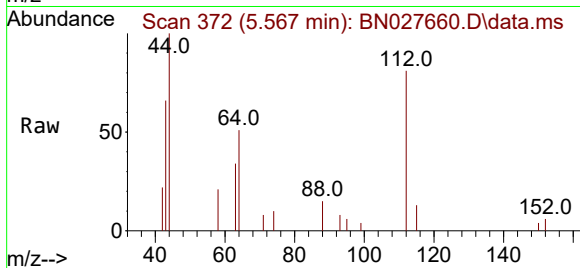
Tgt Ion:112 Resp: 2160

Ion Ratio Lower Upper

112 100

64 56.9 44.4 66.6

63 31.4 23.1 34.7



#5

Phenol-d6

Concen: 0.072 ng

RT: 7.177 min Scan# 595

Delta R.T. -0.008 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

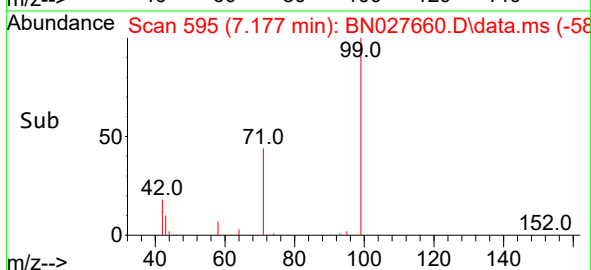
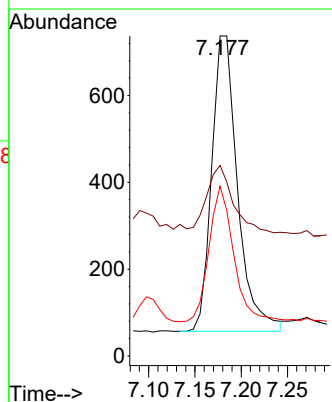
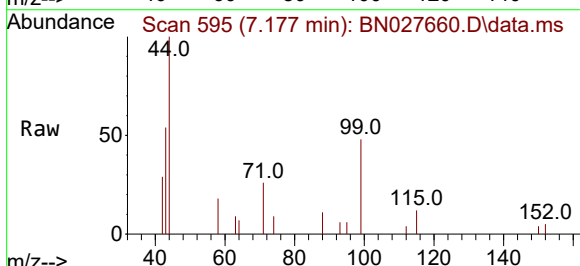
Tgt Ion: 99 Resp: 1325

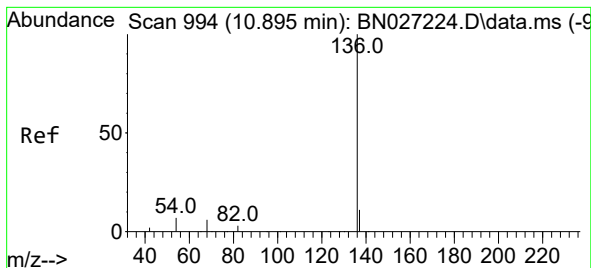
Ion Ratio Lower Upper

99 100

42 24.0 14.5 21.7#

71 43.6 25.8 38.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.852 min Scan# 91

Delta R.T. -0.001 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

Instrument :

BNA_N

ClientSampleId :

BR-03-127-090623

Tgt Ion:136 Resp: 15528

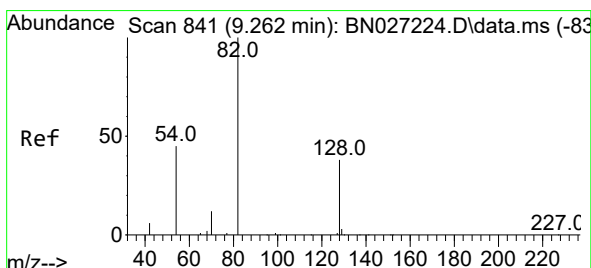
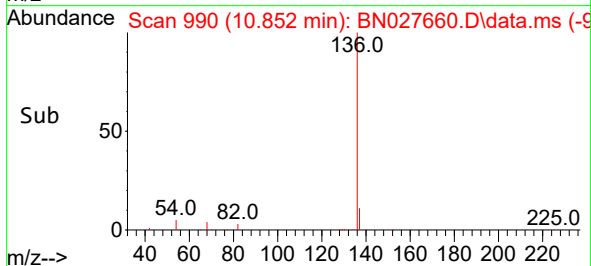
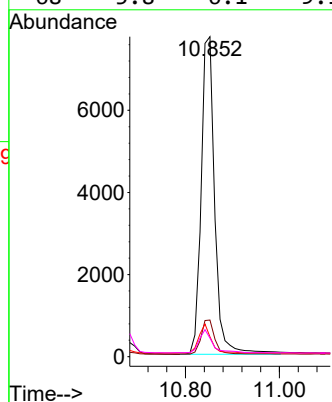
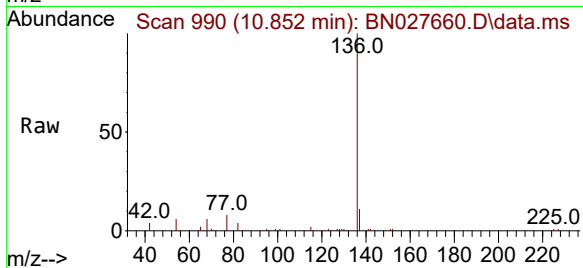
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 6.2 6.7 10.1#

68 5.8 6.1 9.1#



#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 9.219 min Scan# 837

Delta R.T. -0.011 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

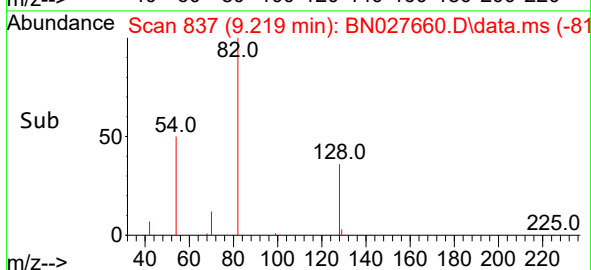
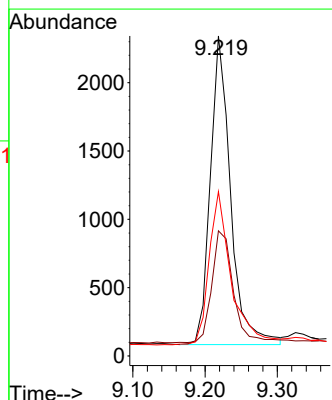
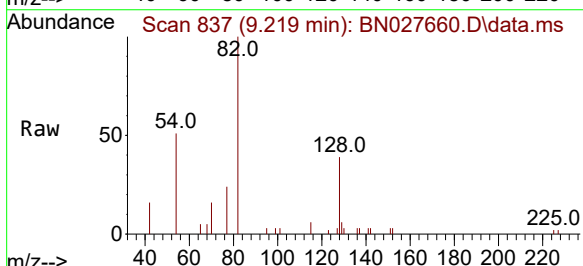
Tgt Ion: 82 Resp: 4395

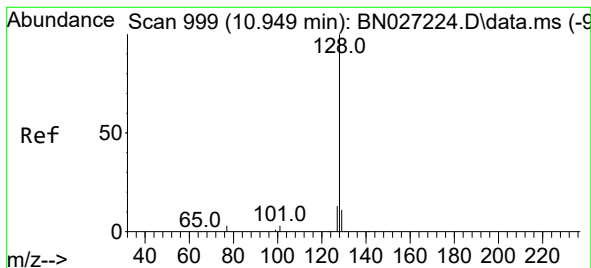
Ion Ratio Lower Upper

82 100

128 39.1 33.4 50.0

54 51.4 37.7 56.5





#9

Naphthalene

Concen: 0.022 ng

RT: 10.895 min Scan# 994

Delta R.T. -0.011 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

Instrument :

BNA_N

ClientSampleId :

BR-03-127-090623

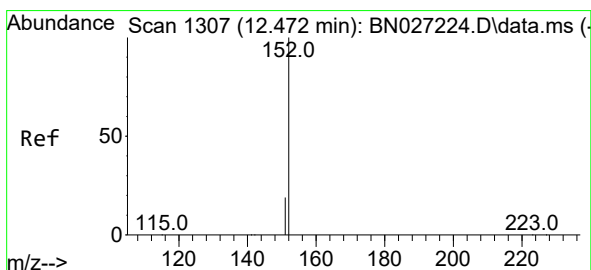
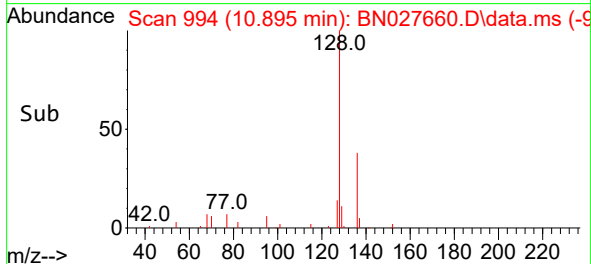
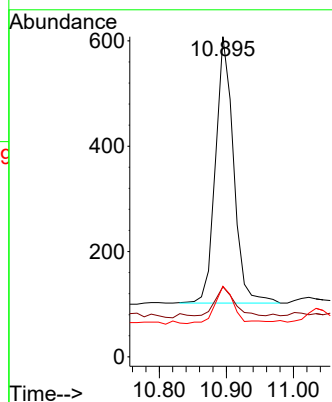
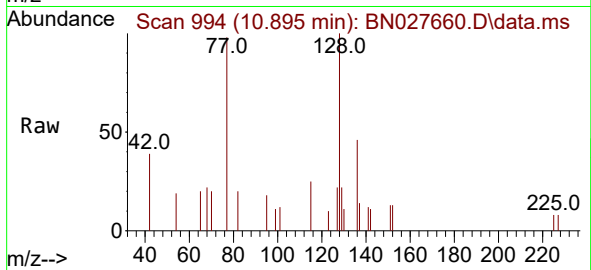
Tgt Ion:128 Resp: 946

Ion Ratio Lower Upper

128 100

129 21.9 9.4 14.0#

127 22.0 10.6 15.8#



#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 12.422 min Scan# 1294

Delta R.T. -0.008 min

Lab File: BN027660.D

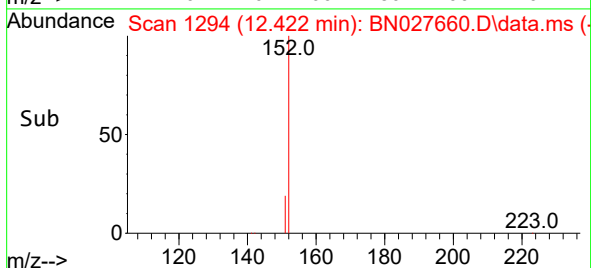
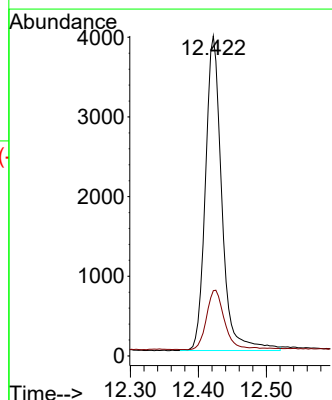
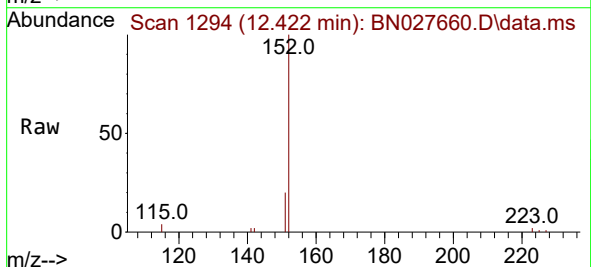
Acq: 14 Sep 2023 01:38

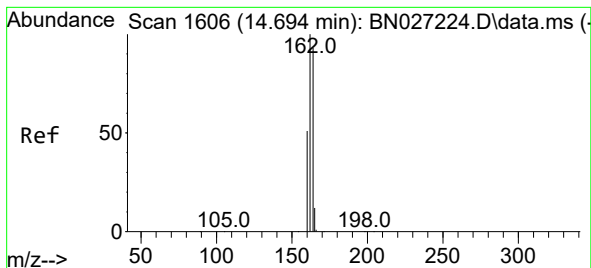
Tgt Ion:152 Resp: 6645

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.654 min Scan# 1

Delta R.T. -0.008 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

Instrument :

BNA_N

ClientSampleId :

BR-03-127-090623

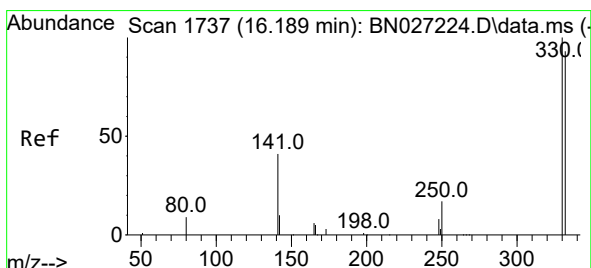
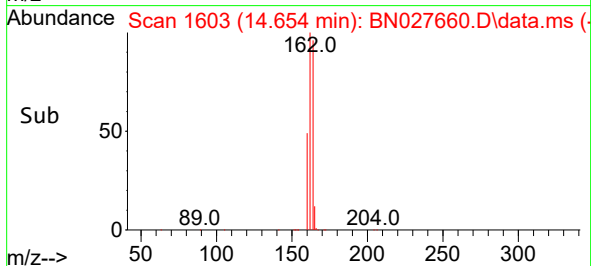
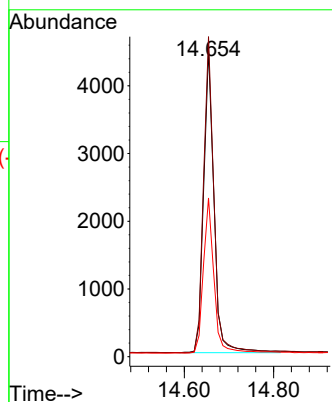
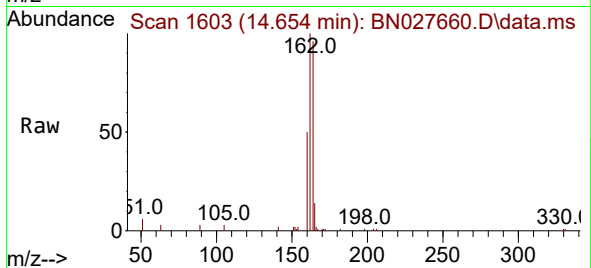
Tgt Ion:164 Resp: 7203

Ion Ratio Lower Upper

164 100

162 104.3 85.8 128.8

160 51.8 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.324 ng

RT: 16.155 min Scan# 1735

Delta R.T. 0.003 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

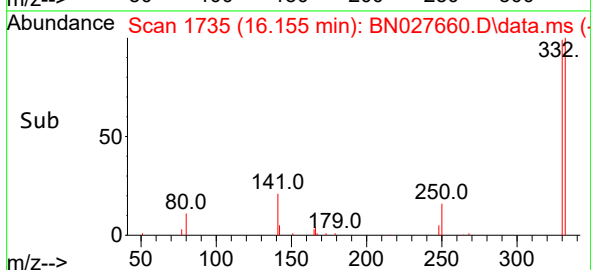
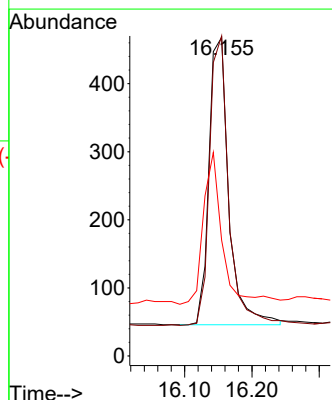
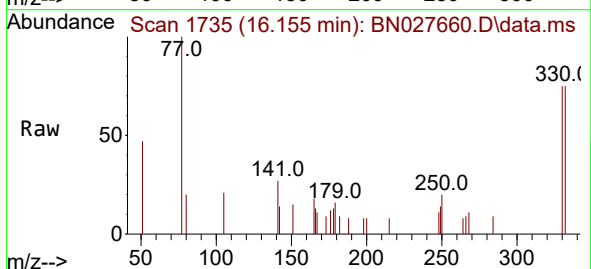
Tgt Ion:330 Resp: 864

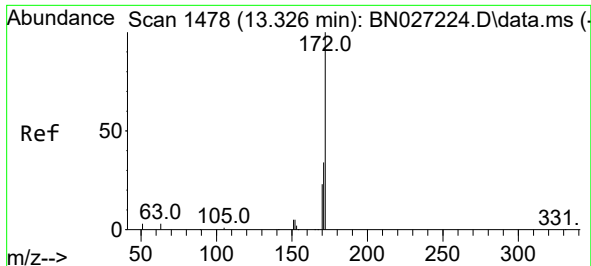
Ion Ratio Lower Upper

330 100

332 97.1 75.2 112.8

141 50.8 36.2 54.4

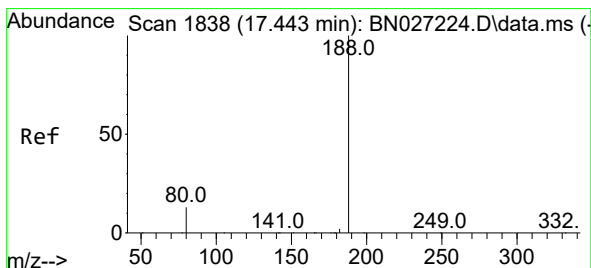
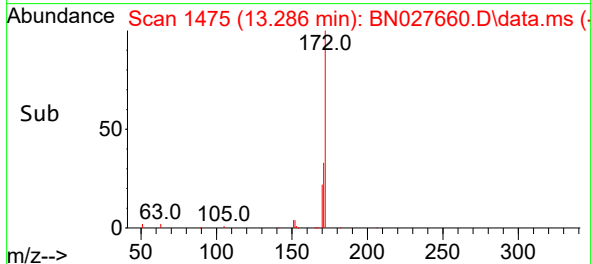
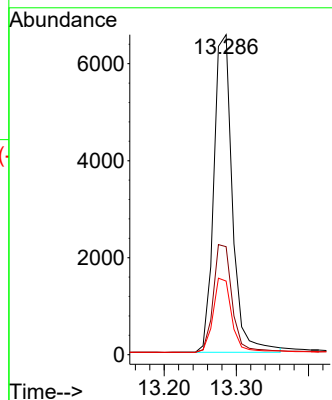
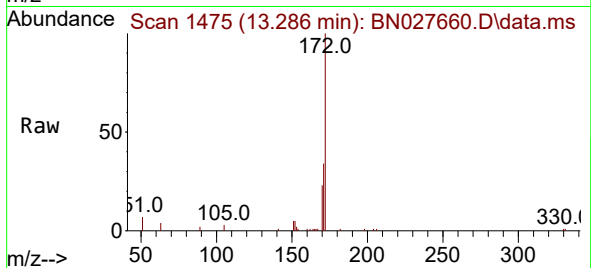




#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.286 min Scan# 1475
Delta R.T. -0.008 min
Lab File: BN027660.D
Acq: 14 Sep 2023 01:38

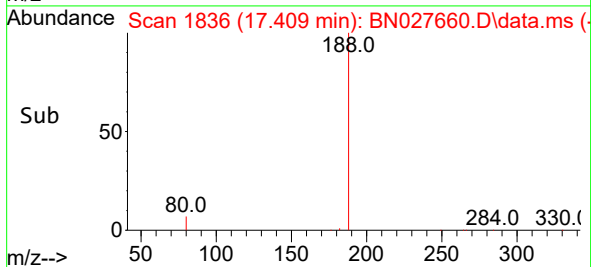
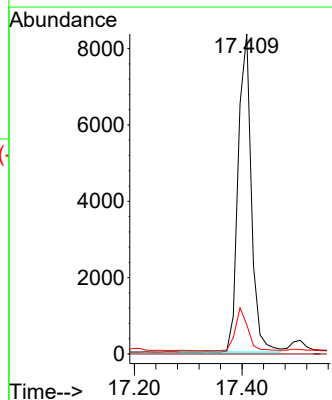
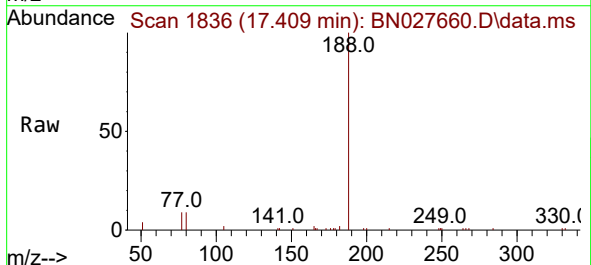
Instrument :
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BR-03-127-090623

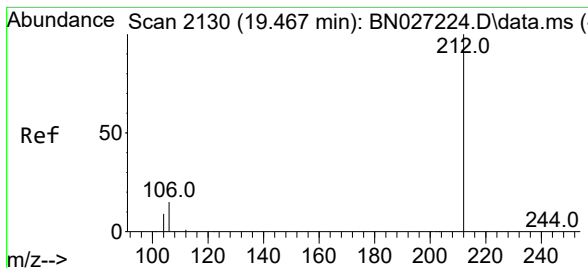
Tgt Ion:172 Resp: 11743
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 23.0 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.409 min Scan# 1836
Delta R.T. 0.003 min
Lab File: BN027660.D
Acq: 14 Sep 2023 01:38

Tgt Ion:188 Resp: 14098
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 11.0 16.6#





#27

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.429 min Scan# 212

Delta R.T. -0.006 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

Instrument :

BNA_N

ClientSampleId :

BR-03-127-090623

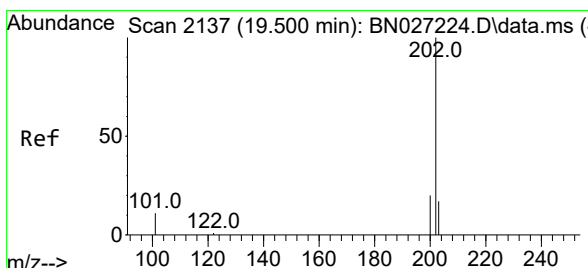
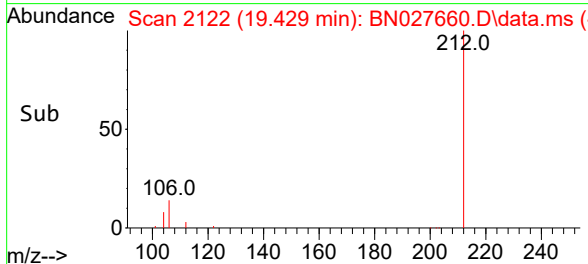
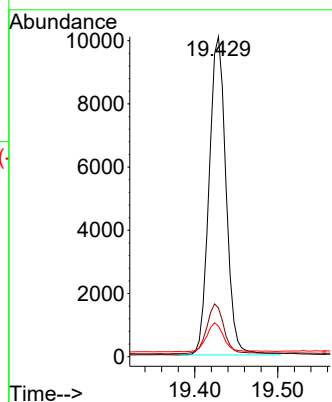
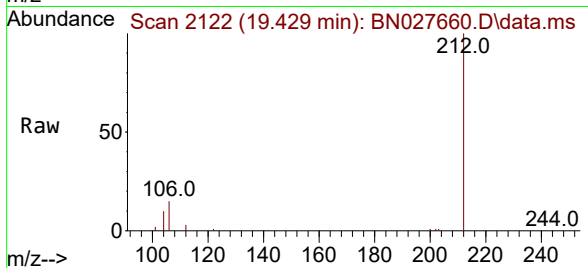
Tgt Ion:212 Resp: 14270

Ion Ratio Lower Upper

212 100

106 16.1 12.1 18.1

104 9.0 6.9 10.3



#28

Fluoranthene

Concen: 0.034 ng

RT: 19.456 min Scan# 2128

Delta R.T. -0.011 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

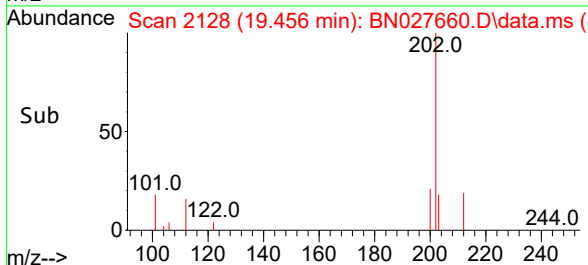
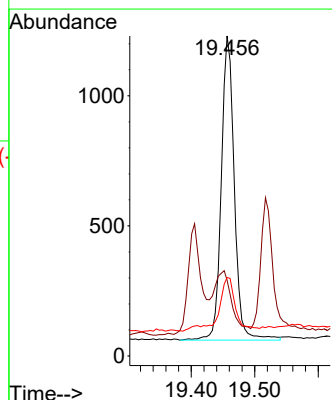
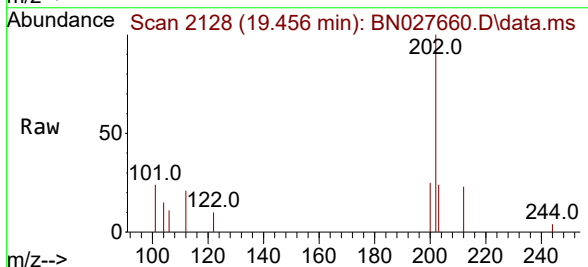
Tgt Ion:202 Resp: 1666

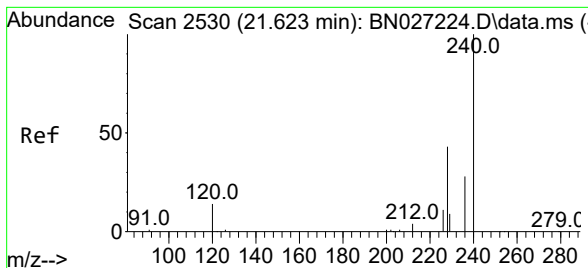
Ion Ratio Lower Upper

202 100

101 27.0 9.6 14.4#

203 18.6 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.581 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

Instrument :

BNA_N

ClientSampleId :

BR-03-127-090623

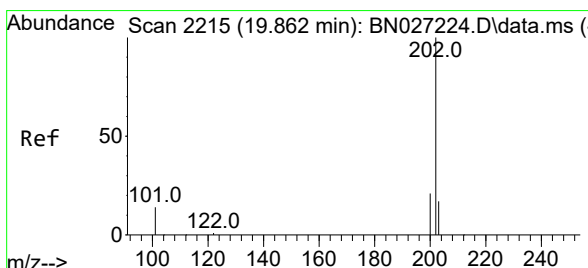
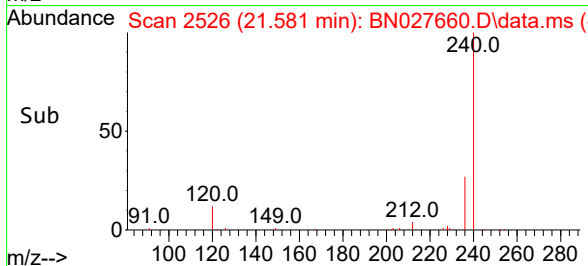
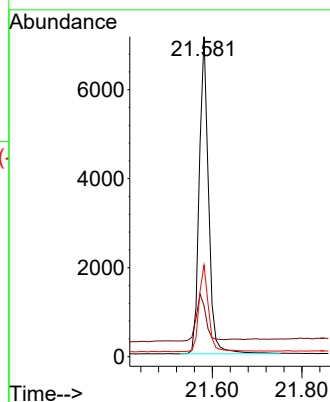
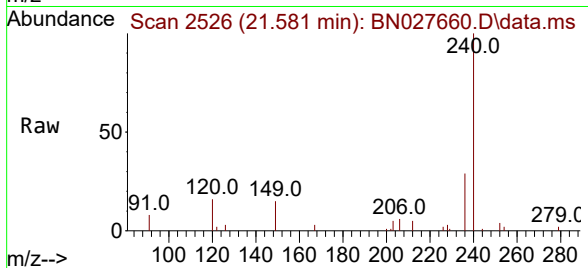
Tgt Ion:240 Resp: 10249

Ion Ratio Lower Upper

240 100

120 15.9 14.2 21.4

236 28.6 22.9 34.3



#30

Pyrene

Concen: 0.032 ng

RT: 19.823 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BN027660.D

Acq: 14 Sep 2023 01:38

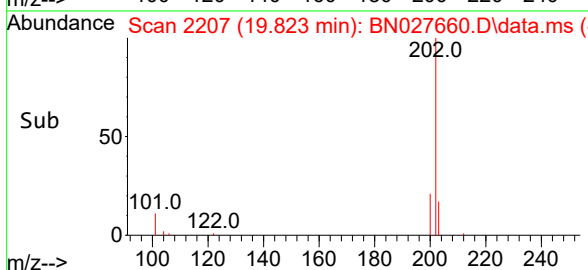
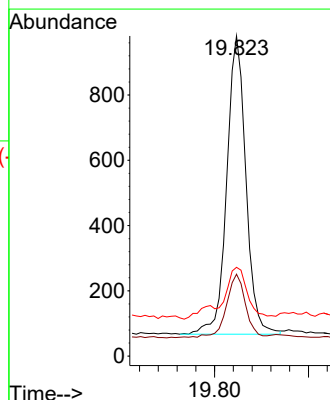
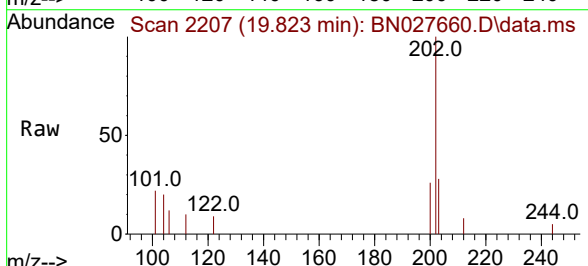
Tgt Ion:202 Resp: 1294

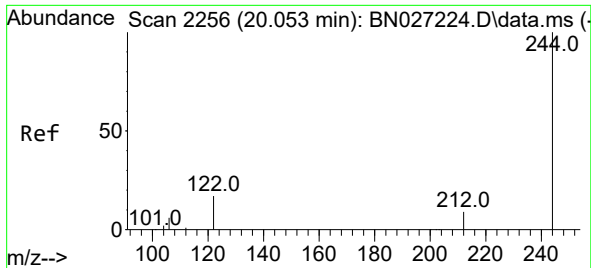
Ion Ratio Lower Upper

202 100

200 21.6 16.6 25.0

203 16.9 14.2 21.4

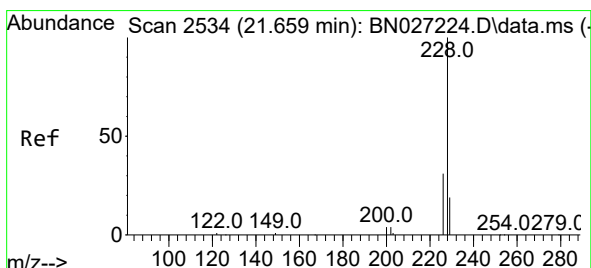
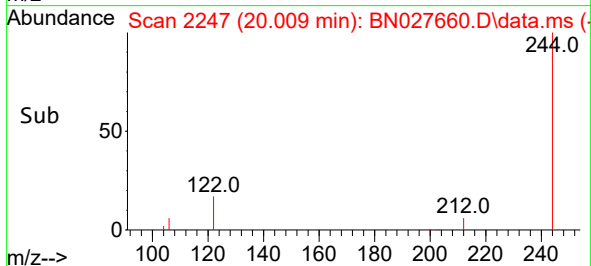
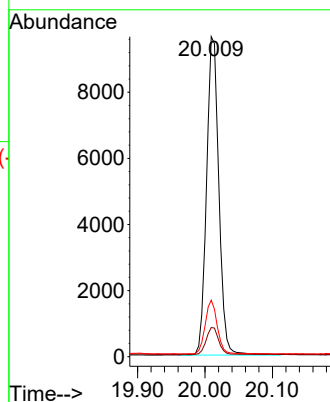
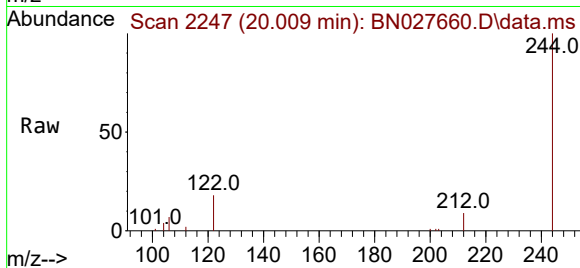




#31
 Terphenyl-d14
 Concen: 0.593 ng
 RT: 20.009 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BN027660.D
 Acq: 14 Sep 2023 01:38

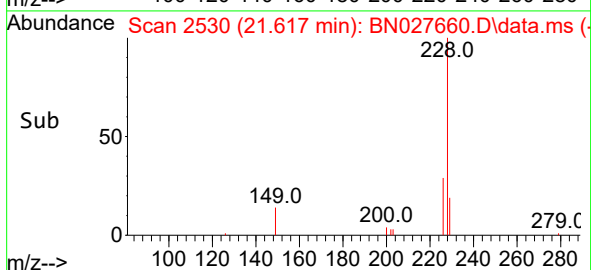
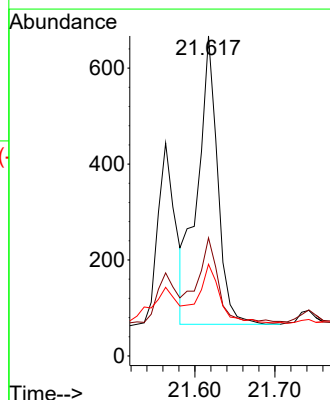
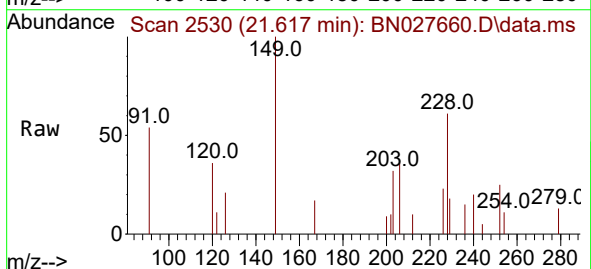
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-090623

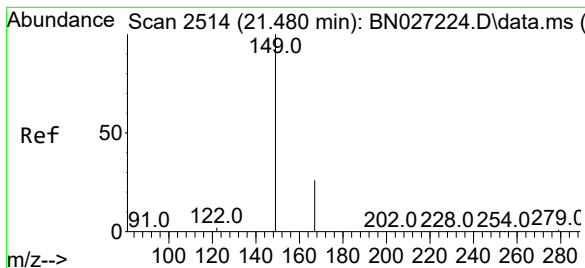
Tgt Ion:244 Resp: 12210
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.5 11.3
 122 17.7 14.0 21.0



#33
 Chrysene
 Concen: 0.027 ng
 RT: 21.617 min Scan# 2530
 Delta R.T. -0.006 min
 Lab File: BN027660.D
 Acq: 14 Sep 2023 01:38

Tgt Ion:228 Resp: 1053
 Ion Ratio Lower Upper
 228 100
 226 36.9 24.3 36.5#
 229 28.6 15.4 23.2#

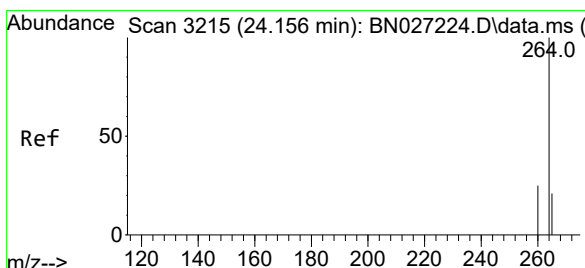
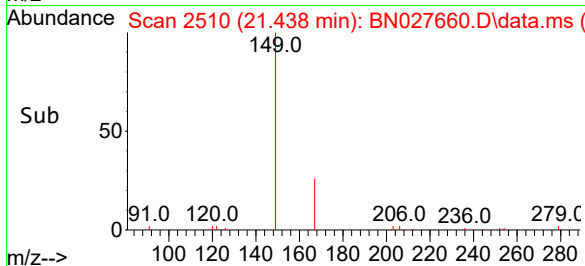
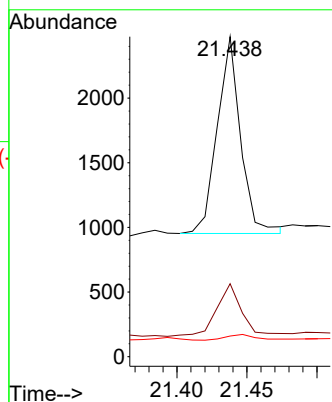
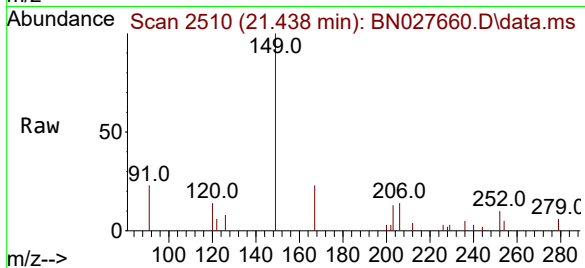




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 21.438 min Scan# 2149
 Delta R.T. -0.006 min
 Lab File: BN027660.D
 Acq: 14 Sep 2023 01:38

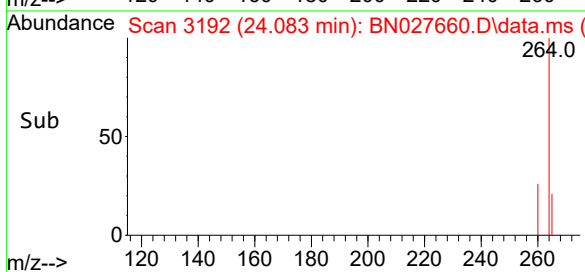
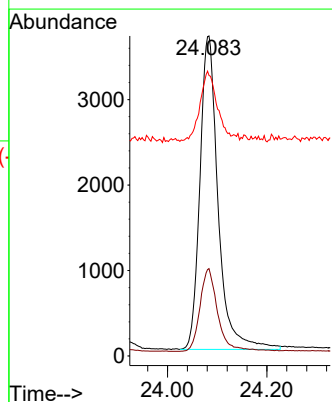
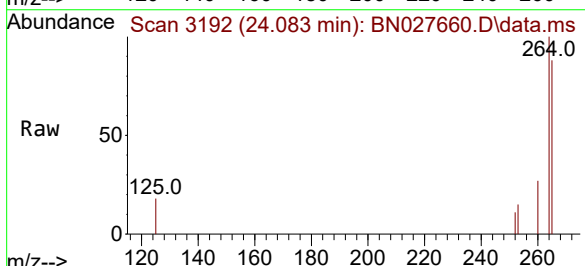
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-090623

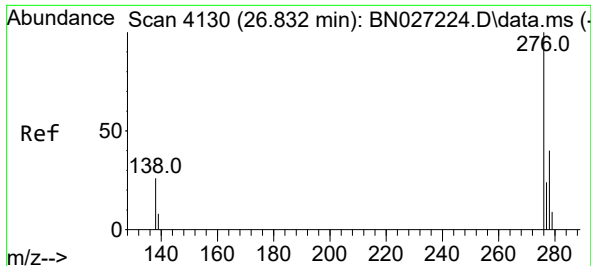
Tgt Ion:149 Resp: 1766
 Ion Ratio Lower Upper
 149 100
 167 29.6 22.1 33.1
 279 3.7 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.083 min Scan# 3192
 Delta R.T. -0.012 min
 Lab File: BN027660.D
 Acq: 14 Sep 2023 01:38

Tgt Ion:264 Resp: 9318
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.7 31.1
 265 87.6 53.3 79.9#

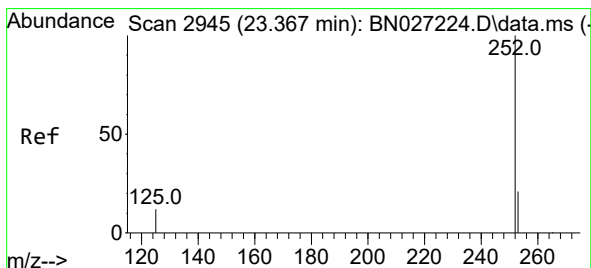
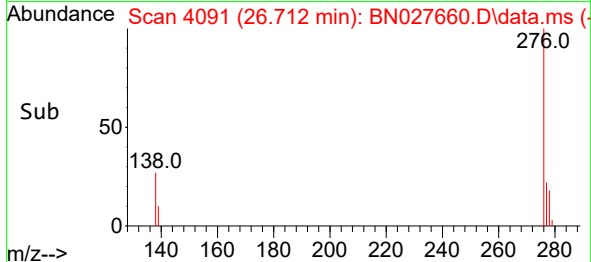
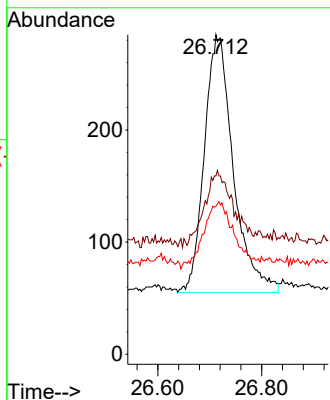
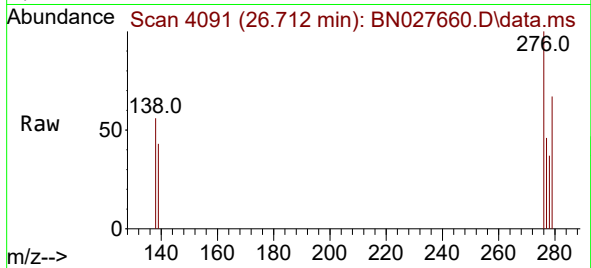




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.024 ng
 RT: 26.712 min Scan# 4091
 Delta R.T. -0.017 min
 Lab File: BN027660.D
 Acq: 14 Sep 2023 01:38

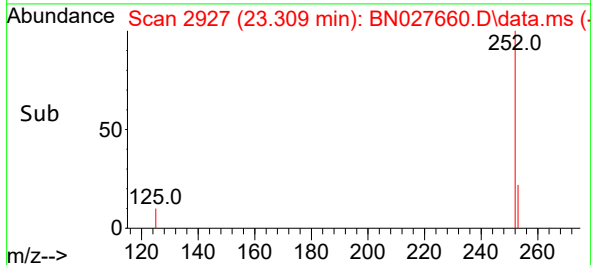
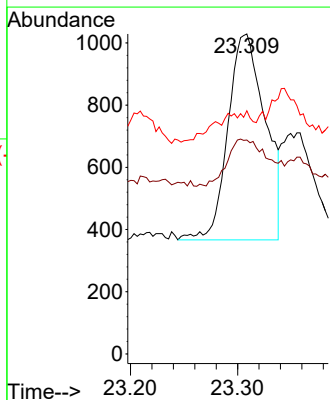
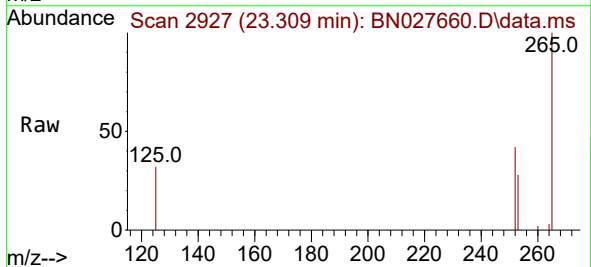
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-090623

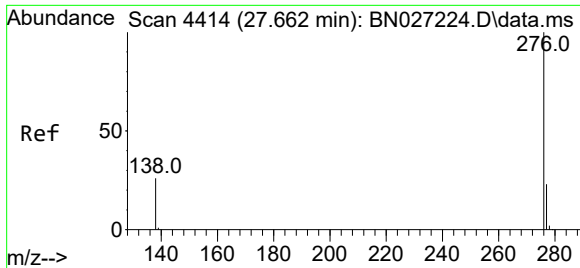
Tgt Ion:276 Resp: 891
 Ion Ratio Lower Upper
 276 100
 138 29.0 23.4 35.2
 277 24.5 19.8 29.8



#37
 Benzo(b)fluoranthene
 Concen: 0.044 ng
 RT: 23.309 min Scan# 2927
 Delta R.T. -0.006 min
 Lab File: BN027660.D
 Acq: 14 Sep 2023 01:38

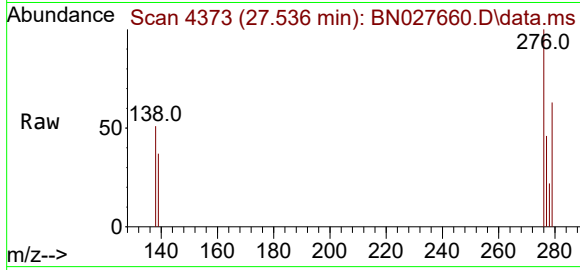
Tgt Ion:252 Resp: 1601
 Ion Ratio Lower Upper
 252 100
 253 66.9 19.9 29.9#
 125 76.0 13.8 20.6#





#41
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 27.536 min Scan# 41
Delta R.T. -0.017 min
Lab File: BN027660.D
Acq: 14 Sep 2023 01:38

Instrument :
BNA_N
ClientSampleId :
BR-03-127-090623



Tgt Ion:276 Resp: 944
Ion Ratio Lower Upper
276 100
277 45.8 19.6 29.4#
138 50.6 22.1 33.1#

