

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029103.D
 Acq On : 07 Dec 2023 22:32
 Operator : MA/JU
 Sample : 05404-10DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20231109DL

Quant Time: Dec 07 23:28:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

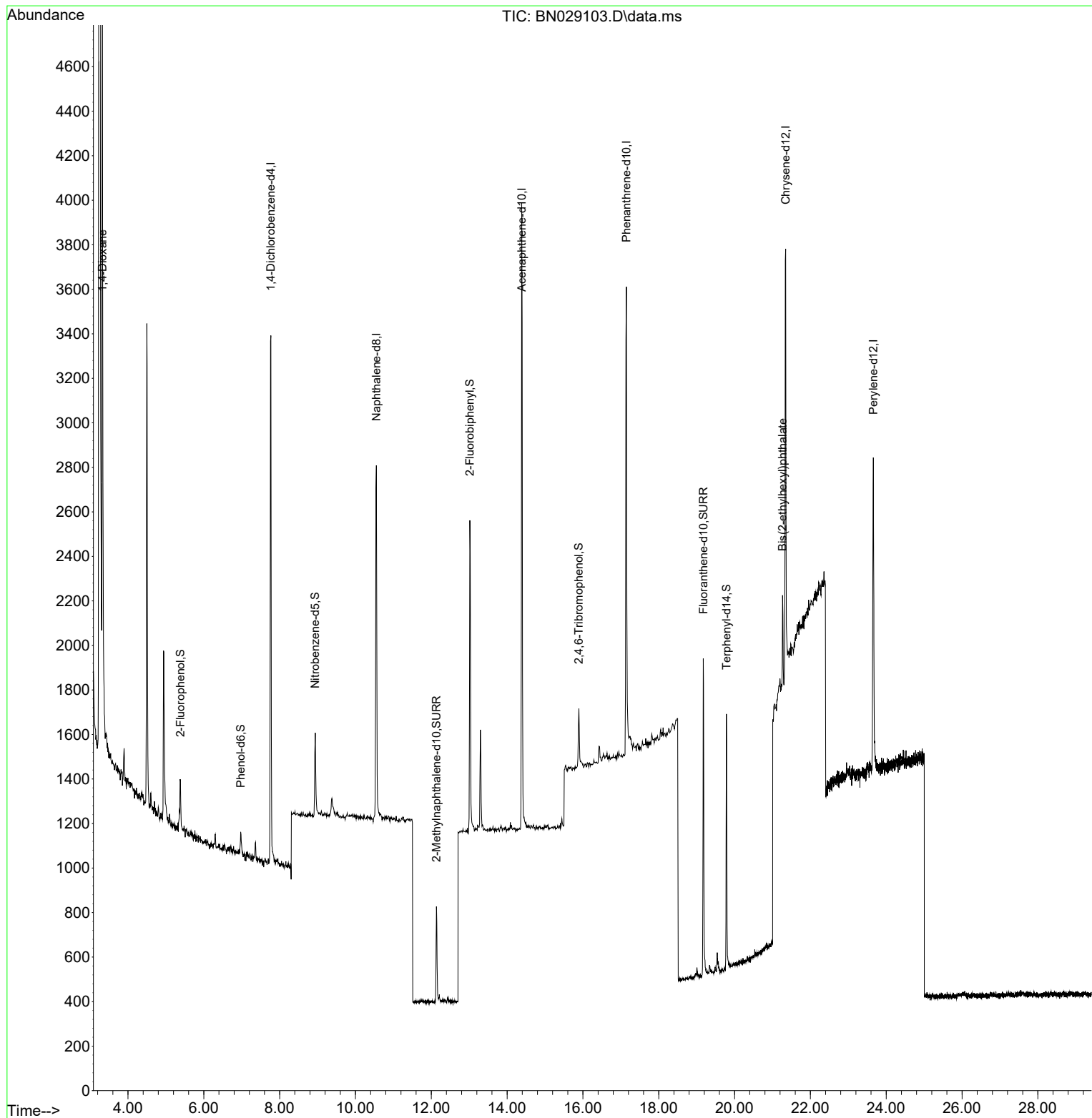
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1245	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	2396	0.400	ng	-0.01
13) Acenaphthene-d10	14.385	164	1727	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	3748	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2096	0.400	ng	# 0.00
35) Perylene-d12	23.661	264	1983	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	156	0.055	ng	0.00
5) Phenol-d6	6.973	99	103	0.031	ng	0.00
8) Nitrobenzene-d5	8.939	82	431	0.149	ng	0.00
11) 2-Methylnaphthalene-d10	12.136	152	612	0.122	ng	-0.01
14) 2,4,6-Tribromophenol	15.893	330	197	0.103	ng	0.00
15) 2-Fluorobiphenyl	13.017	172	1393	0.156	ng	-0.01
27) Fluoranthene-d10	19.176	212	1798	0.153	ng	0.00
31) Terphenyl-d14	19.785	244	1207	0.228	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	3083	3.075	ng	100
34) Bis(2-ethylhexyl)phtha...	21.266	149	444	0.068	ng	# 93

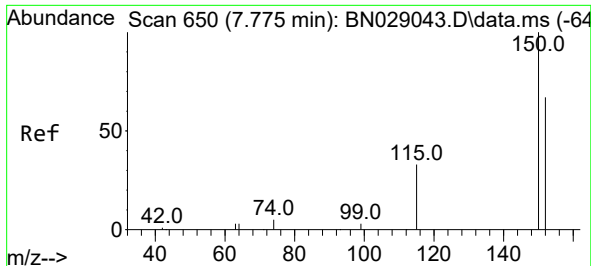
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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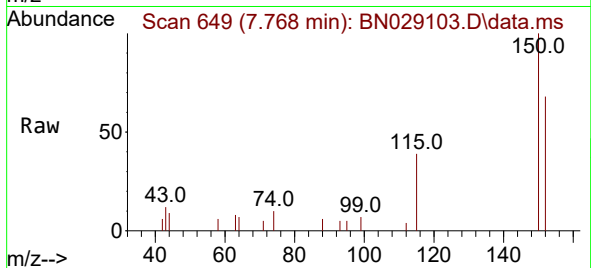
Quant Time: Dec 07 23:28:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration



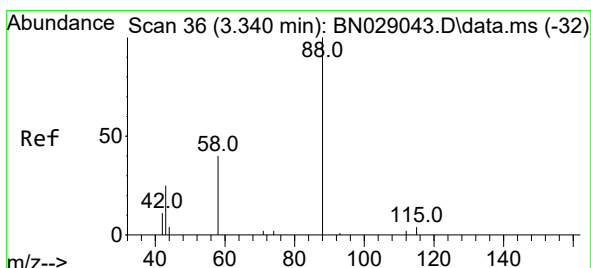
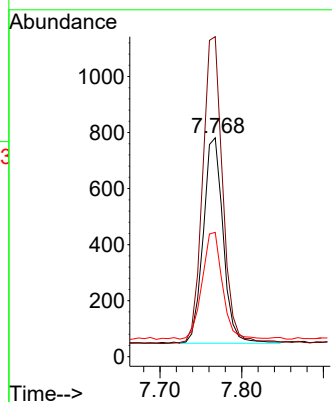
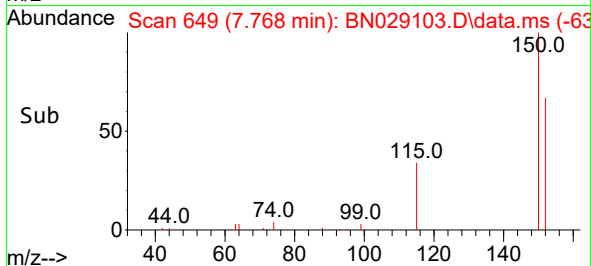


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029103.D
 Acq: 07 Dec 2023 22:32

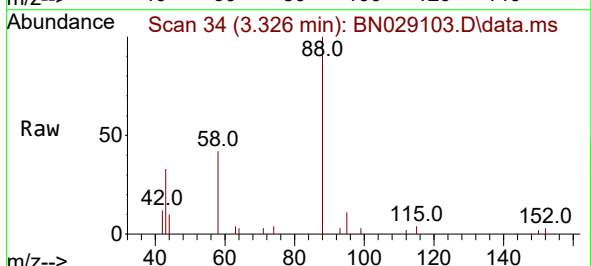
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20231109DL



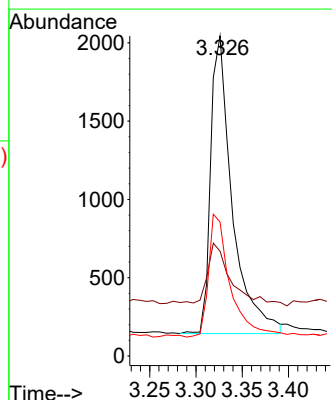
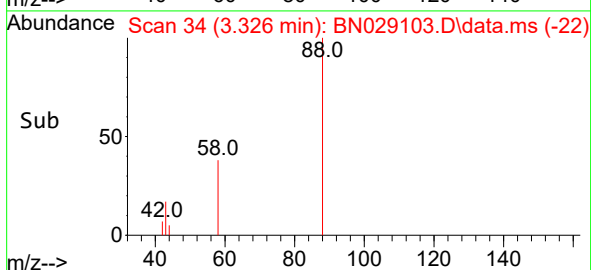
Tgt Ion:152 Resp: 1245
 Ion Ratio Lower Upper
 152 100
 150 146.2 116.2 174.4
 115 56.9 45.1 67.7

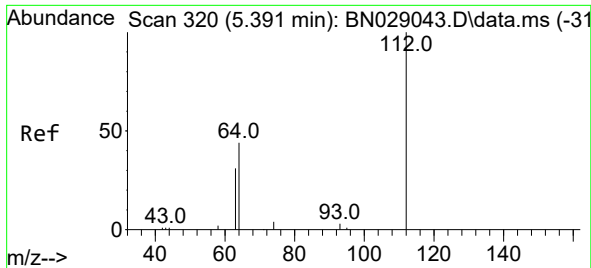


#2
 1,4-Dioxane
 Concen: 3.075 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029103.D
 Acq: 07 Dec 2023 22:32



Tgt Ion: 88 Resp: 3083
 Ion Ratio Lower Upper
 88 100
 43 19.8 15.6 23.4
 58 41.5 33.2 49.8

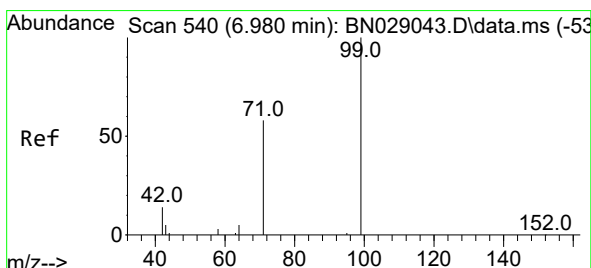
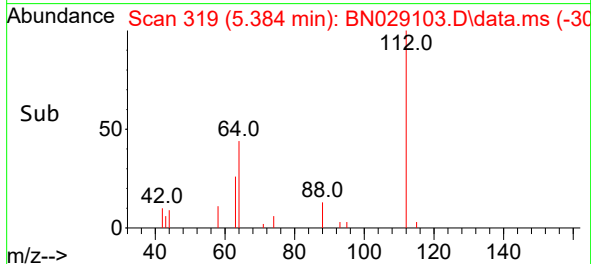
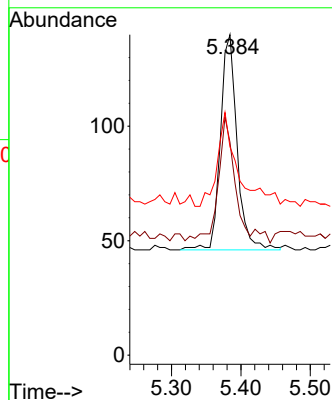
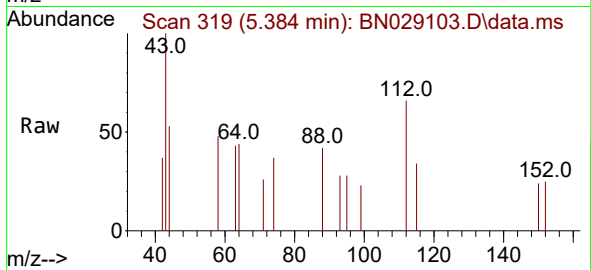




#4
2-Fluorophenol
Concen: 0.055 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

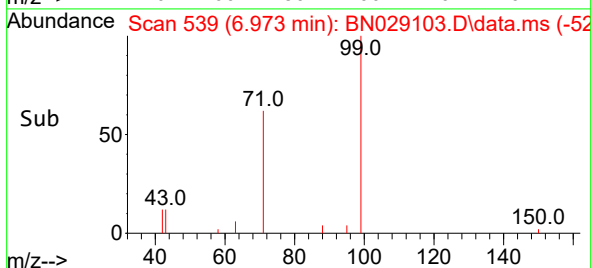
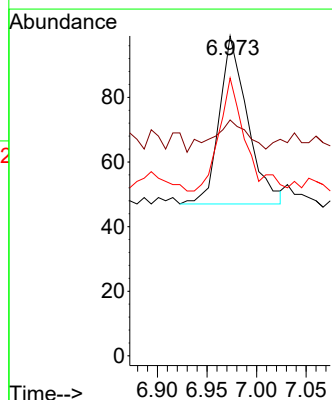
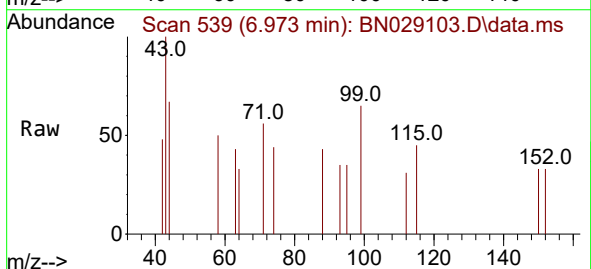
Instrument :
BNA_N
ClientSampleId :
RE134D3-20231109DL

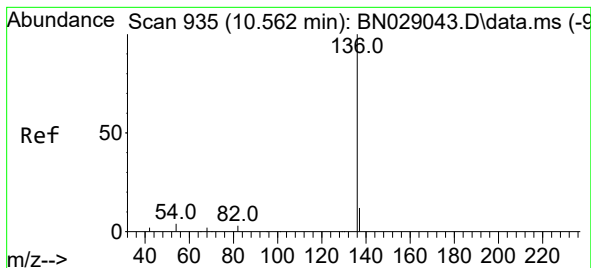
Tgt Ion:112 Resp: 156
Ion Ratio Lower Upper
112 100
64 55.1 37.0 55.6
63 56.4 29.0 43.6#



#5
Phenol-d6
Concen: 0.031 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.007 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

Tgt Ion: 99 Resp: 103
Ion Ratio Lower Upper
99 100
42 23.3 13.4 20.2#
71 62.1 47.8 71.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.551 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029103.D

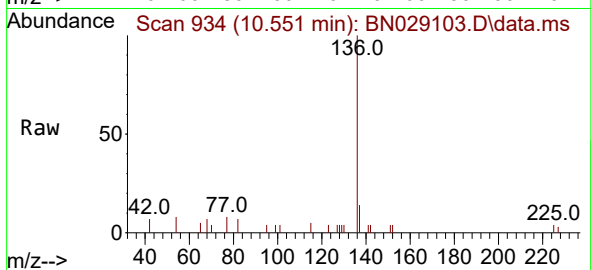
Acq: 07 Dec 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE134D3-20231109DL



Tgt Ion:136 Resp: 2396

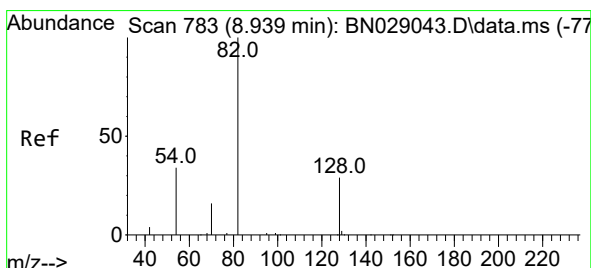
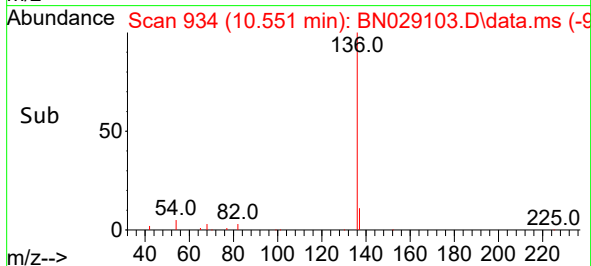
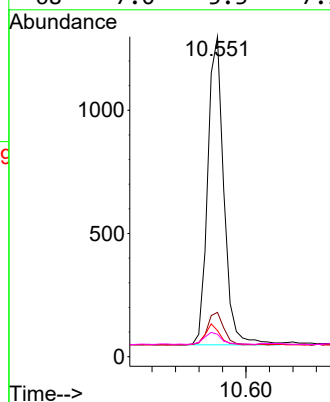
Ion Ratio Lower Upper

136 100

137 13.9 11.9 17.9

54 8.2 6.4 9.6

68 7.0 5.3 7.9



#8

Nitrobenzene-d5

Concen: 0.149 ng

RT: 8.939 min Scan# 783

Delta R.T. 0.000 min

Lab File: BN029103.D

Acq: 07 Dec 2023 22:32

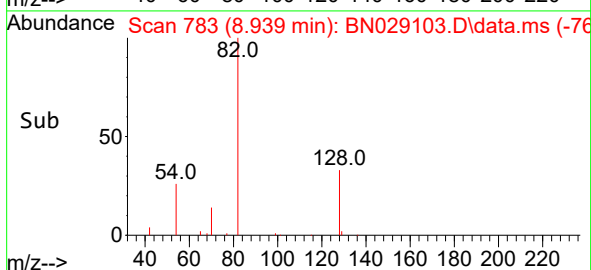
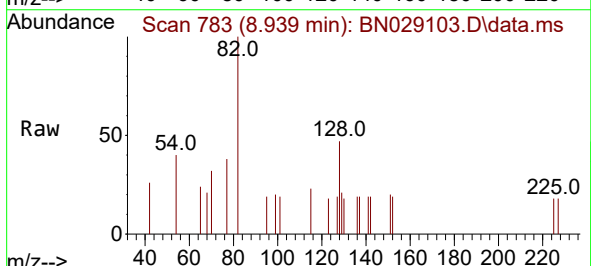
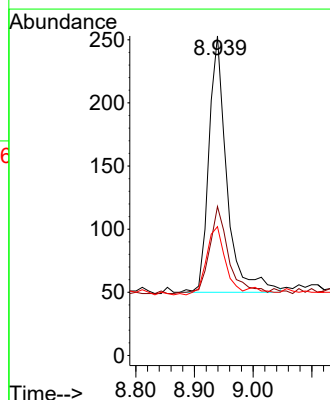
Tgt Ion: 82 Resp: 431

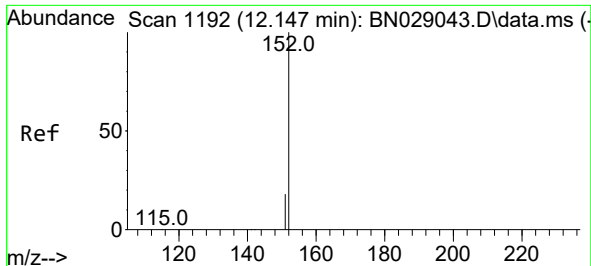
Ion Ratio Lower Upper

82 100

128 46.6 28.2 42.4#

54 40.3 32.1 48.1





#11

2-Methylnaphthalene-d10

Concen: 0.122 ng

RT: 12.136 min Scan# 1189

Delta R.T. -0.011 min

Lab File: BN029103.D

Acq: 07 Dec 2023 22:32

Instrument :

BNA_N

ClientSampleId :

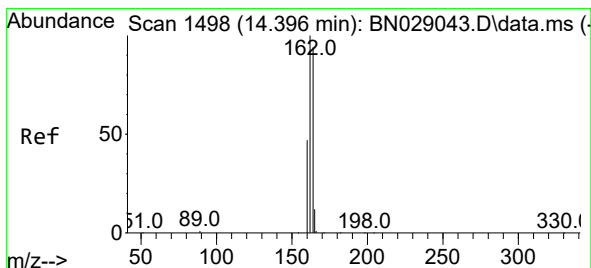
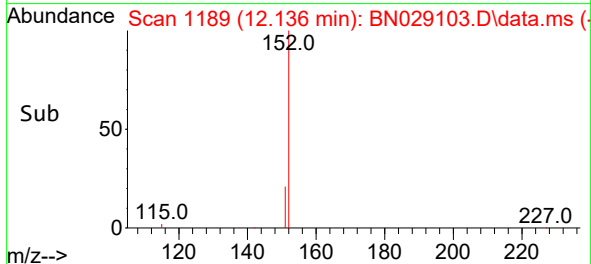
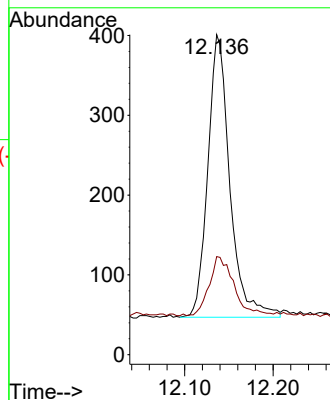
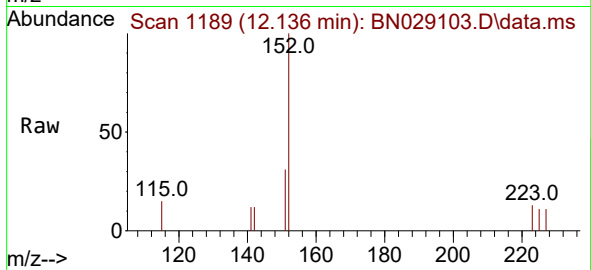
RE134D3-20231109DL

Tgt Ion:152 Resp: 612

Ion Ratio Lower Upper

152 100

151 23.4 17.4 26.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.385 min Scan# 1497

Delta R.T. -0.011 min

Lab File: BN029103.D

Acq: 07 Dec 2023 22:32

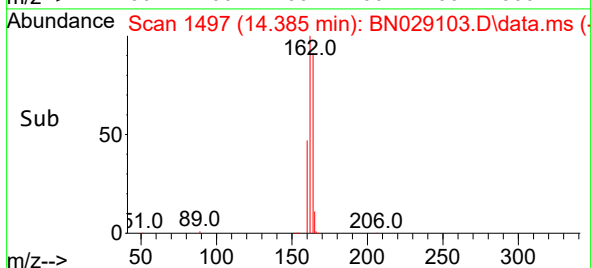
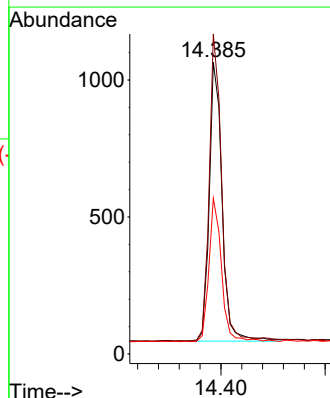
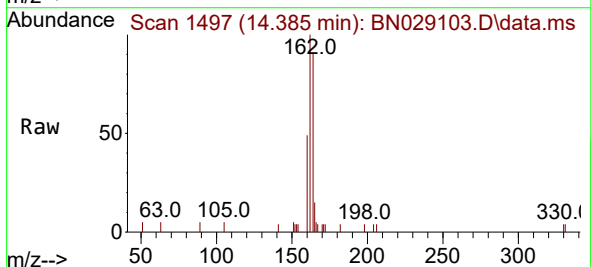
Tgt Ion:164 Resp: 1727

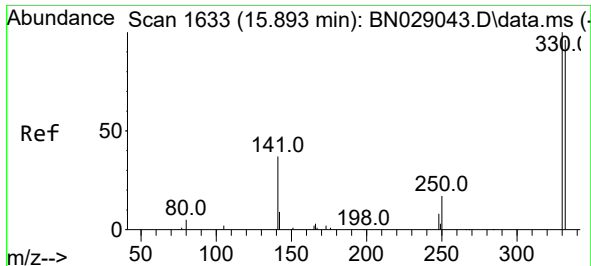
Ion Ratio Lower Upper

164 100

162 109.7 85.0 127.6

160 53.3 41.3 61.9

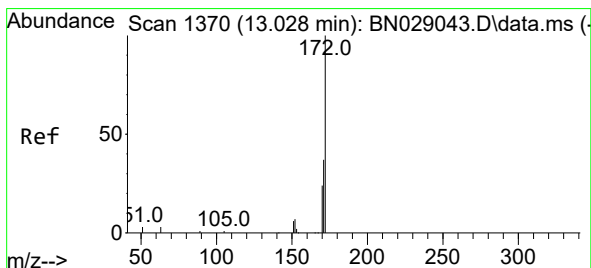
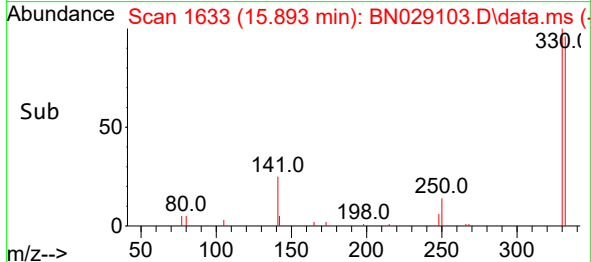
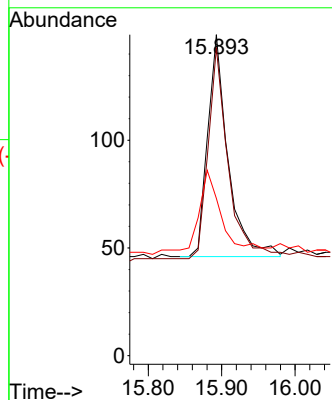
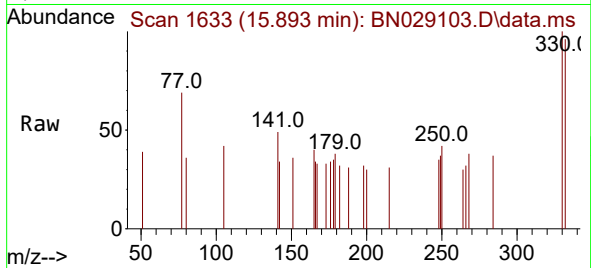




#14
2,4,6-Tribromophenol
Concen: 0.103 ng
RT: 15.893 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

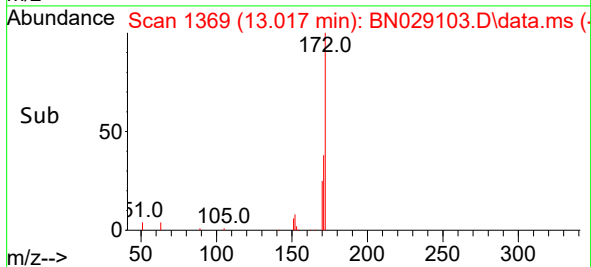
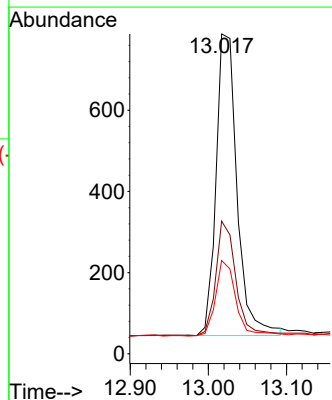
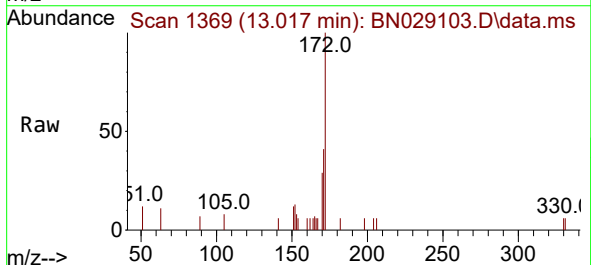
Instrument :
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RE134D3-20231109DL

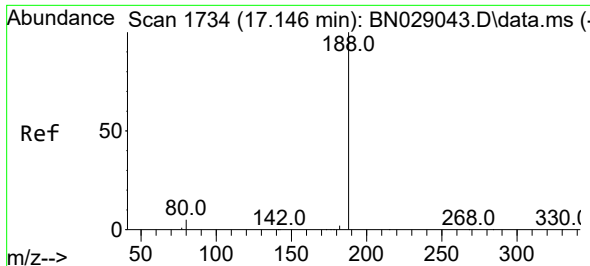
Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 93.9 78.8 118.2
141 46.2 28.7 43.1#



#15
2-Fluorobiphenyl
Concen: 0.156 ng
RT: 13.017 min Scan# 1369
Delta R.T. -0.011 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

Tgt Ion:172 Resp: 1393
Ion Ratio Lower Upper
172 100
171 41.5 30.1 45.1
170 29.2 20.3 30.5

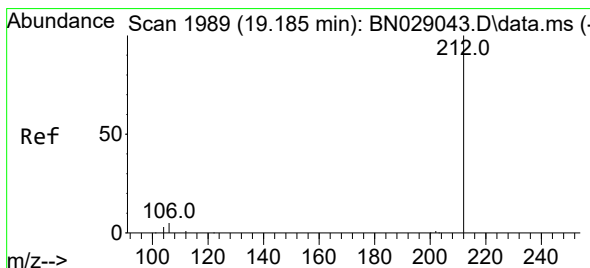
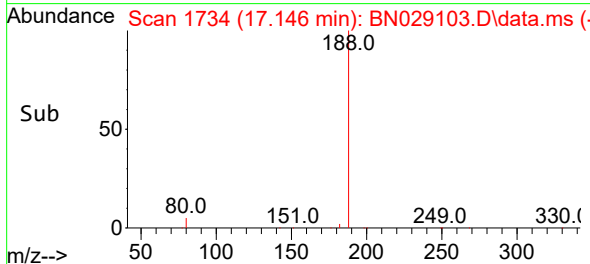
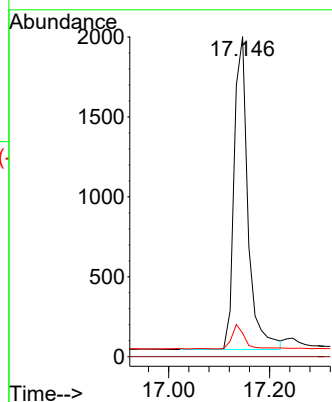
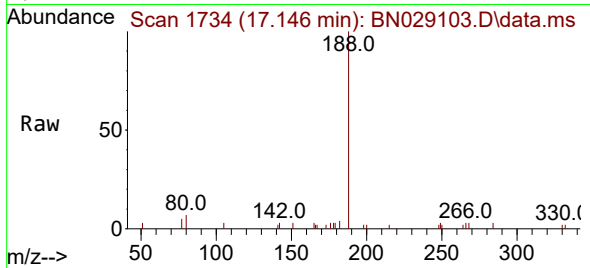




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

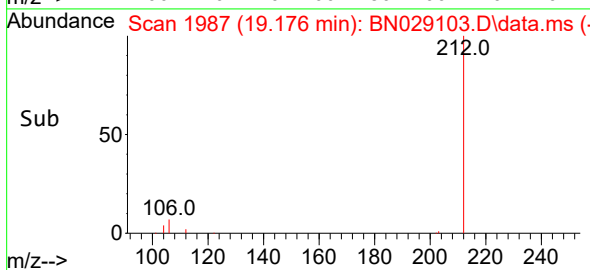
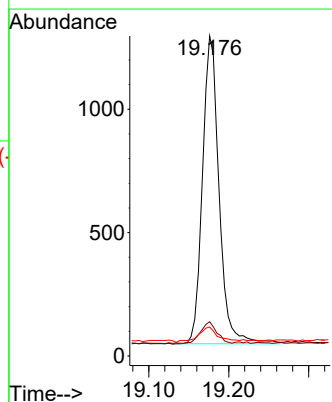
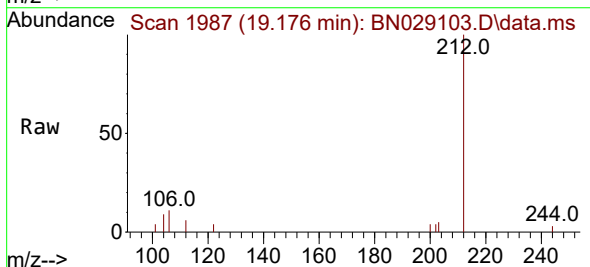
Instrument :
BNA_N
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RE134D3-20231109DL

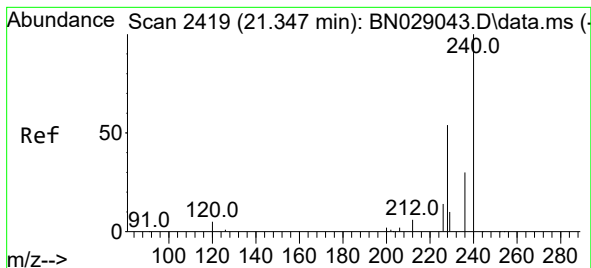
Tgt Ion:188 Resp: 3748
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 5.4 8.0



#27
Fluoranthene-d10
Concen: 0.153 ng
RT: 19.176 min Scan# 1987
Delta R.T. -0.009 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

Tgt Ion:212 Resp: 1798
Ion Ratio Lower Upper
212 100
106 6.8 3.9 5.9#
104 6.1 2.6 3.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029103.D

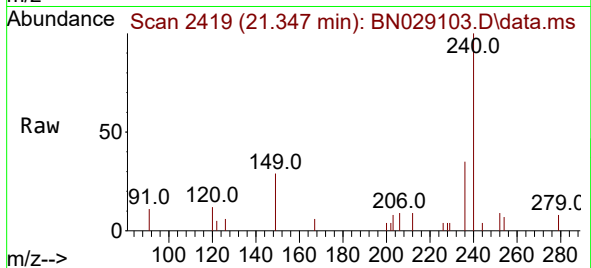
Acq: 07 Dec 2023 22:32

Instrument :

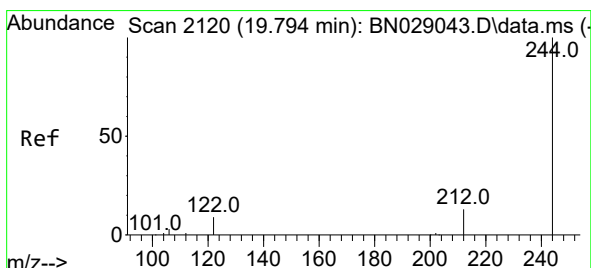
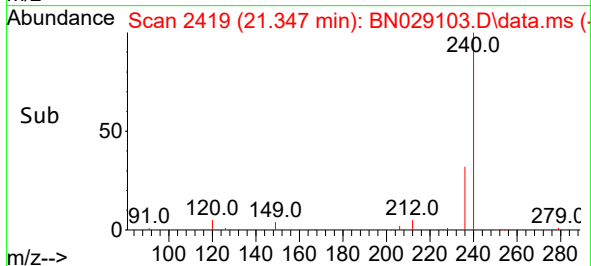
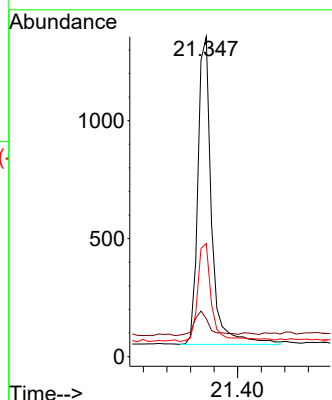
BNA_N

ClientSampleId :

RE134D3-20231109DL



Tgt Ion:	240	Resp:	2096
Ion Ratio	Lower	Upper	
240	100		
120	11.9	6.7	10.1#
236	35.3	25.7	38.5



#31

Terphenyl-d14

Concen: 0.228 ng

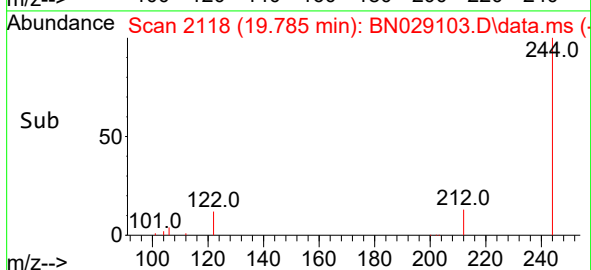
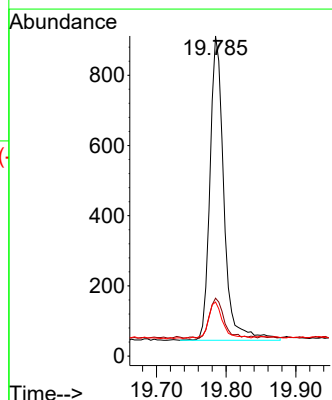
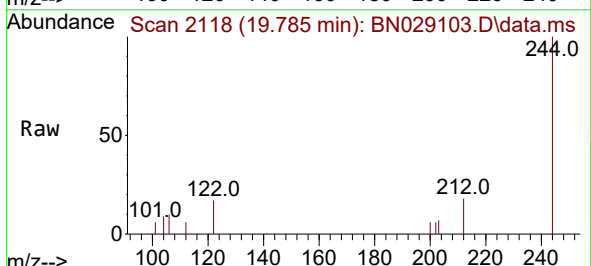
RT: 19.785 min Scan# 2118

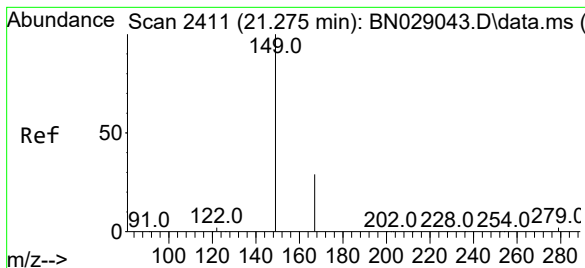
Delta R.T. -0.009 min

Lab File: BN029103.D

Acq: 07 Dec 2023 22:32

Tgt Ion:	244	Resp:	1207
Ion Ratio	Lower	Upper	
244	100		
212	18.1	11.6	17.4#
122	16.9	8.2	12.4#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.068 ng

RT: 21.266 min Scan# 2410

Delta R.T. -0.009 min

Lab File: BN029103.D

Acq: 07 Dec 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE134D3-20231109DL

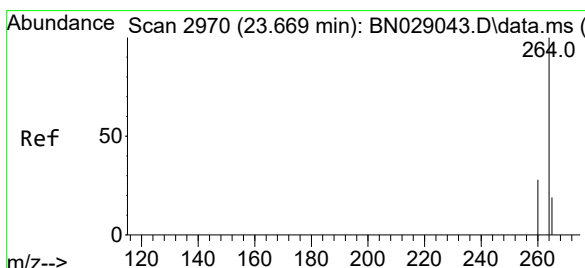
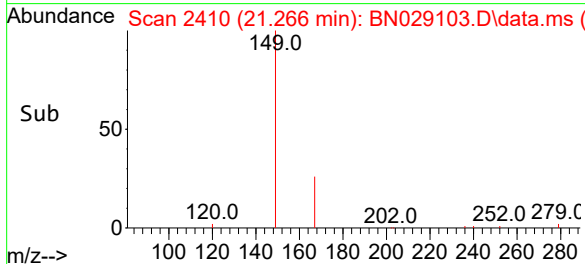
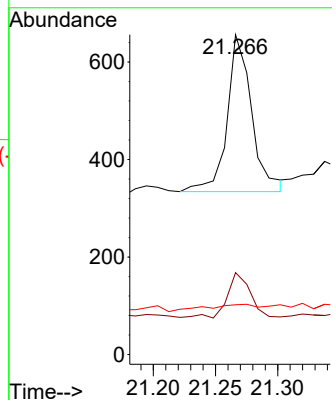
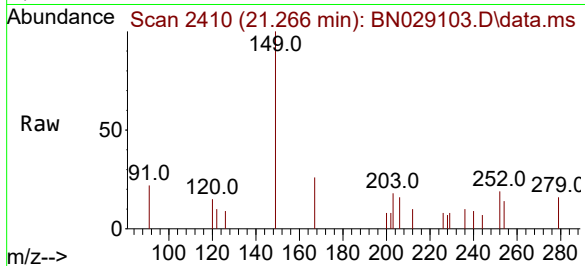
Tgt Ion:149 Resp: 444

Ion Ratio Lower Upper

149 100

167 26.1 23.4 35.2

279 9.5 3.4 5.2#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.661 min Scan# 2967

Delta R.T. -0.009 min

Lab File: BN029103.D

Acq: 07 Dec 2023 22:32

Tgt Ion:264 Resp: 1983

Ion Ratio Lower Upper

264 100

260 31.5 23.9 35.9

265 86.5 52.7 79.1#

