

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029067.D
 Acq On : 06 Dec 2023 22:01
 Operator : MA/JU
 Sample : 05428-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20231113

Quant Time: Dec 06 22:54:27 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)

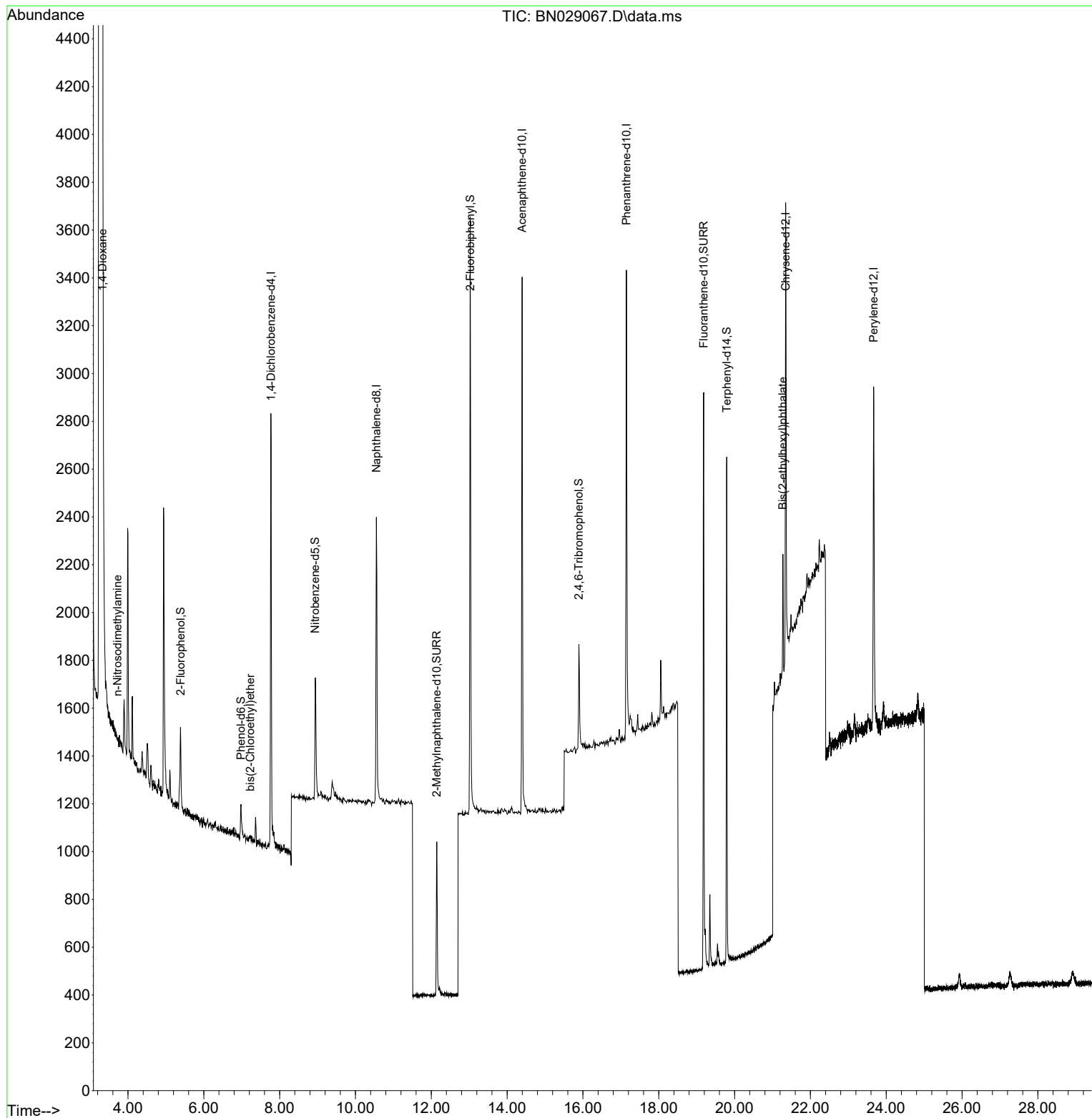
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	926	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	1775	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1248	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	2970	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	1954	0.400	ng	# 0.00
35) Perylene-d12	23.669	264	1965	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	263	0.126	ng	0.00
5) Phenol-d6	6.980	99	148	0.059	ng	0.00
8) Nitrobenzene-d5	8.939	82	601	0.281	ng	0.00
11) 2-Methylnaphthalene-d10	12.144	152	965	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	328	0.238	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2268	0.351	ng	0.00
27) Fluoranthene-d10	19.185	212	3156	0.338	ng	0.00
31) Terphenyl-d14	19.794	244	2163	0.437	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	5520	7.402	ng	99
3) n-Nitrosodimethylamine	3.723	42	13	0.029	ng	# 13
6) bis(2-Chloroethyl)ether	7.226	93	37	0.021	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.275	149	506	0.083	ng	# 95

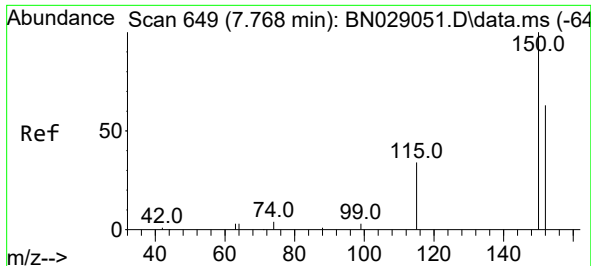
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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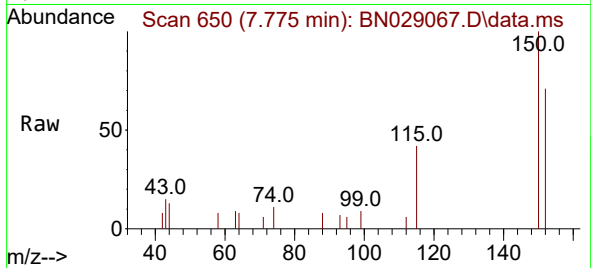
Quant Time: Dec 06 22:54:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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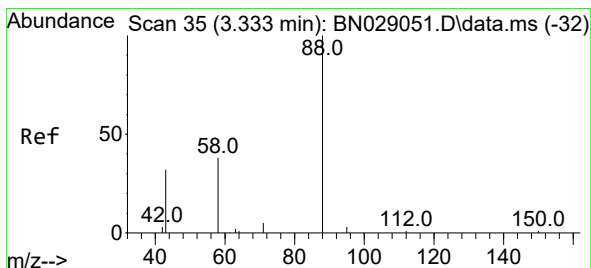
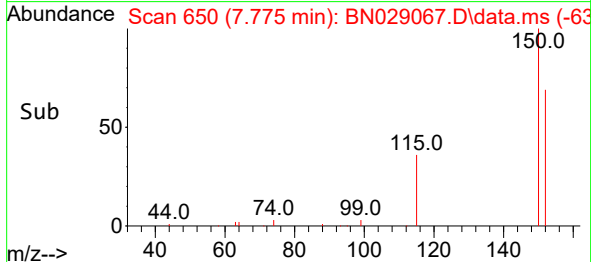
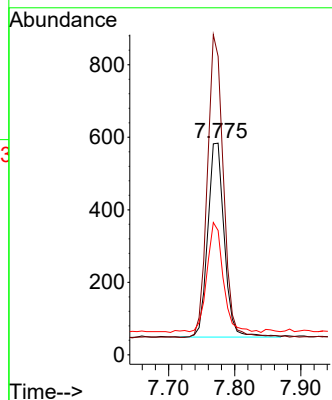
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN029067.D
 Acq: 06 Dec 2023 22:01

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20231113



Tgt Ion:152 Resp: 926

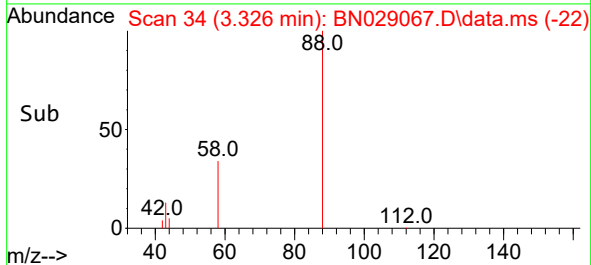
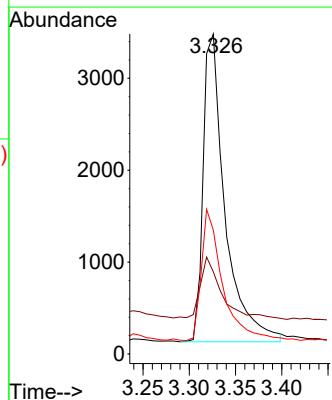
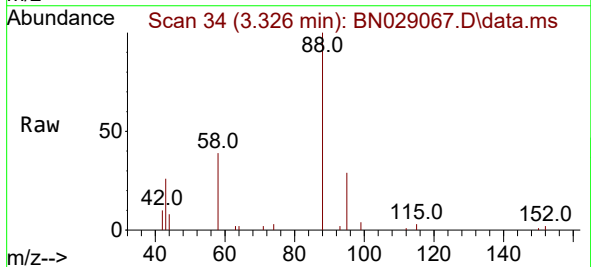
Ion	Ratio	Lower	Upper
152	100		
150	140.9	116.2	174.4
115	58.7	45.1	67.7

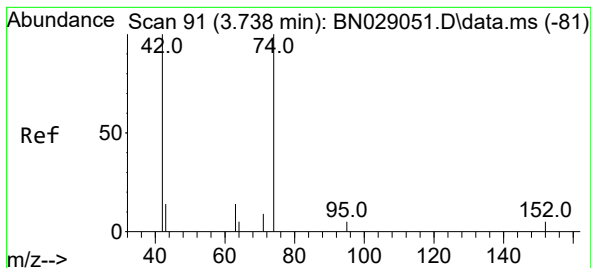


#2
 1,4-Dioxane
 Concen: 7.402 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029067.D
 Acq: 06 Dec 2023 22:01

Tgt Ion: 88 Resp: 5520

Ion	Ratio	Lower	Upper
88	100		
43	18.6	15.6	23.4
58	41.1	33.2	49.8





#3

n-Nitrosodimethylamine

Concen: 0.029 ng

RT: 3.723 min Scan# 89

Delta R.T. 0.000 min

Lab File: BN029067.D

Acq: 06 Dec 2023 22:01

Instrument :

BNA_N

ClientSampleId :

RE120D1-20231113

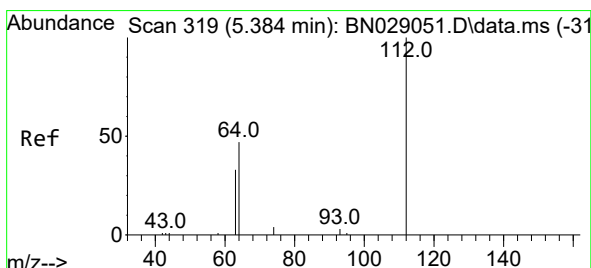
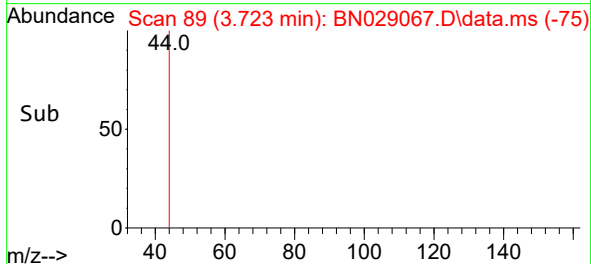
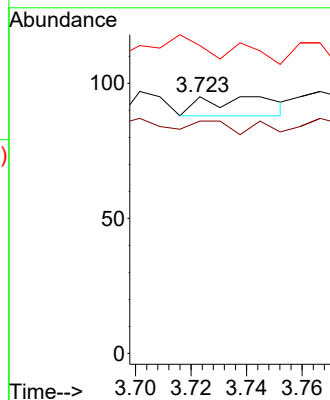
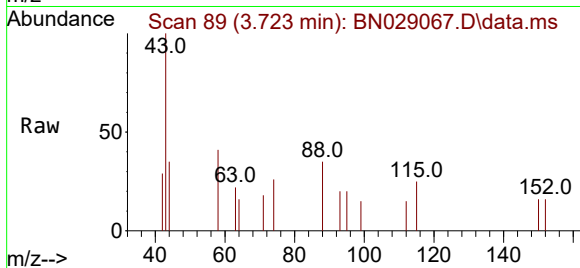
Tgt Ion: 42 Resp: 13

Ion Ratio Lower Upper

42 100

74 30.8 106.3 159.5#

44 184.6 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.126 ng

RT: 5.392 min Scan# 320

Delta R.T. 0.000 min

Lab File: BN029067.D

Acq: 06 Dec 2023 22:01

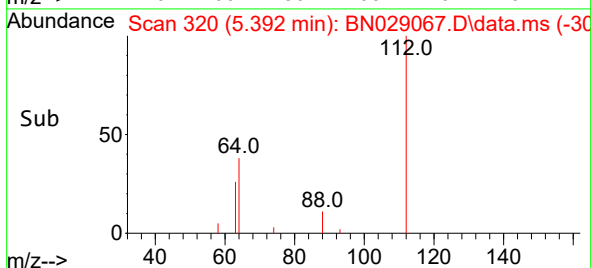
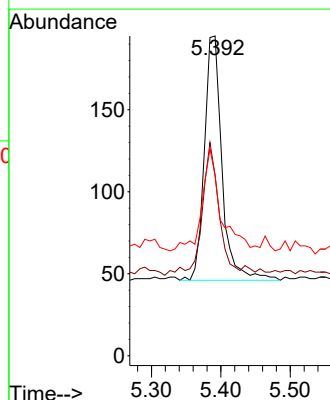
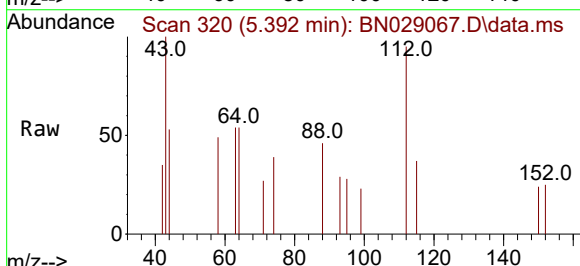
Tgt Ion: 112 Resp: 263

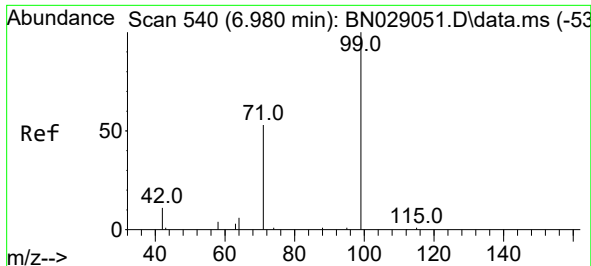
Ion Ratio Lower Upper

112 100

64 52.1 37.0 55.6

63 44.9 29.0 43.6#

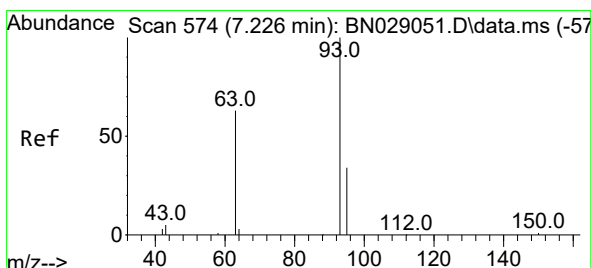
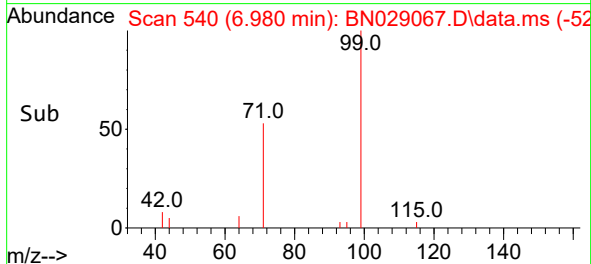
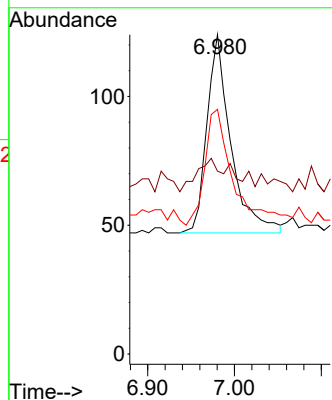
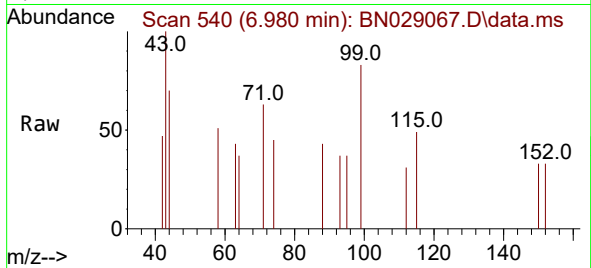




#5
Phenol-d6
Concen: 0.059 ng
RT: 6.980 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029067.D
Acq: 06 Dec 2023 22:01

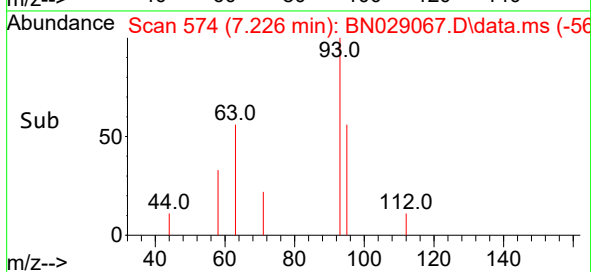
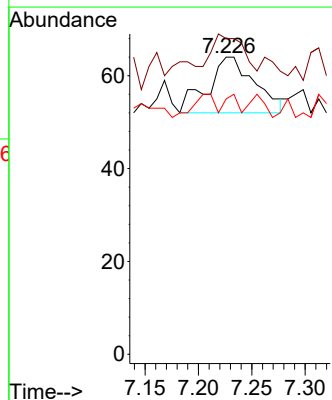
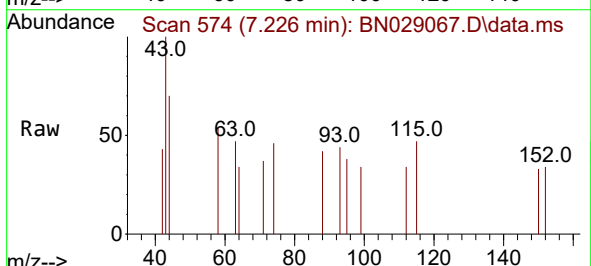
Instrument :
BNA_N
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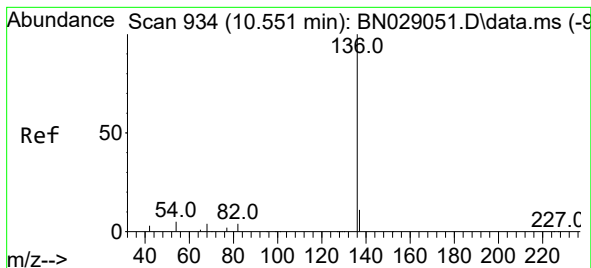
Tgt Ion: 99 Resp: 148
Ion Ratio Lower Upper
99 100
42 22.3 13.4 20.2#
71 69.6 47.8 71.6



#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.226 min Scan# 574
Delta R.T. -0.007 min
Lab File: BN029067.D
Acq: 06 Dec 2023 22:01

Tgt Ion: 93 Resp: 37
Ion Ratio Lower Upper
93 100
63 56.8 48.4 72.6
95 10.8 28.1 42.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.551 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029067.D

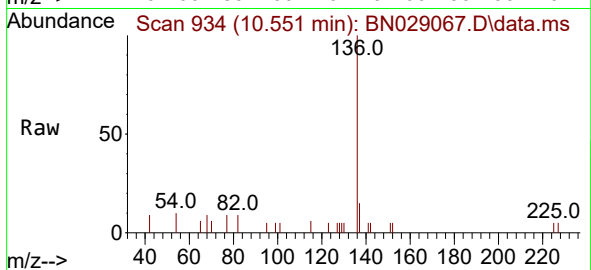
Acq: 06 Dec 2023 22:01

Instrument :

BNA_N

ClientSampleId :

RE120D1-20231113



Tgt Ion:136 Resp: 1775

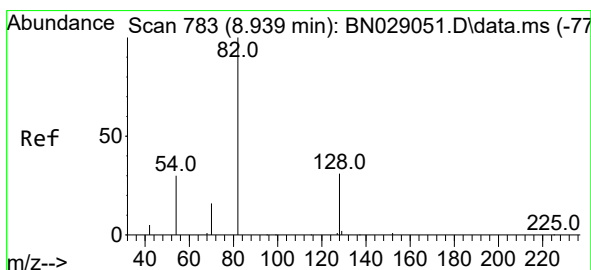
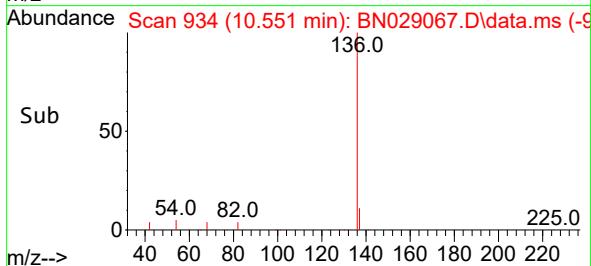
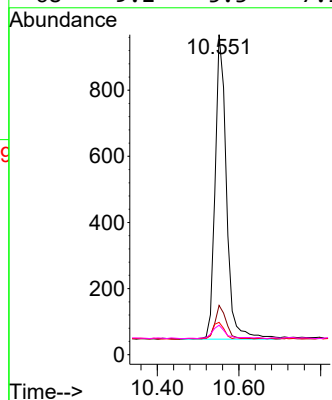
Ion Ratio Lower Upper

136 100

137 15.4 11.9 17.9

54 10.1 6.4 9.6#

68 9.2 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.281 ng

RT: 8.939 min Scan# 783

Delta R.T. 0.000 min

Lab File: BN029067.D

Acq: 06 Dec 2023 22:01

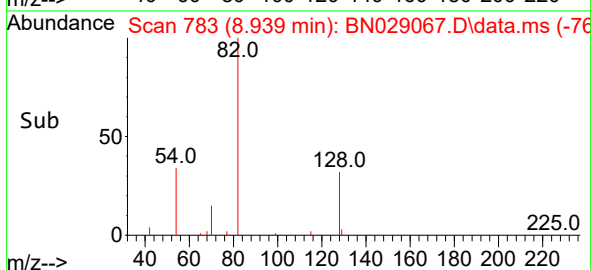
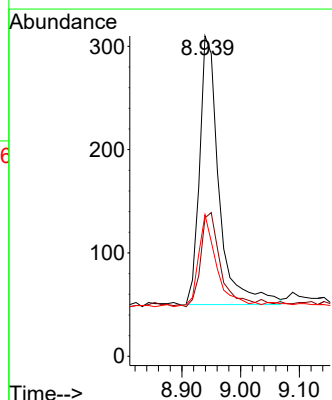
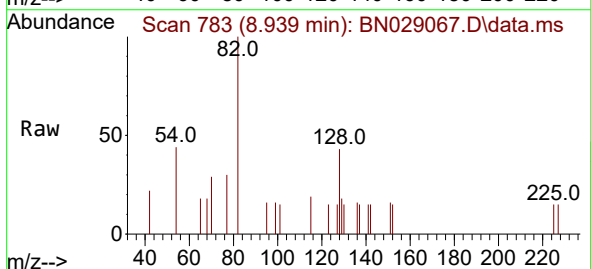
Tgt Ion: 82 Resp: 601

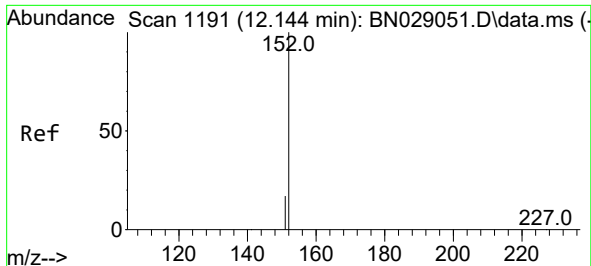
Ion Ratio Lower Upper

82 100

128 43.2 28.2 42.4#

54 44.2 32.1 48.1

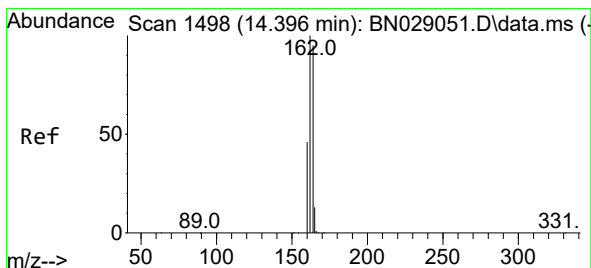
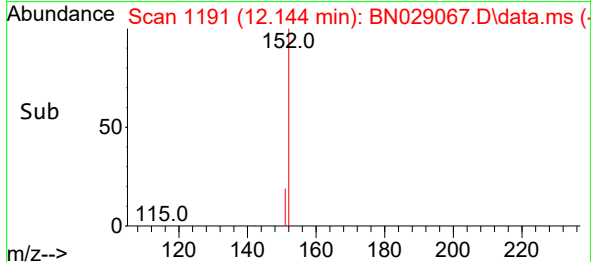
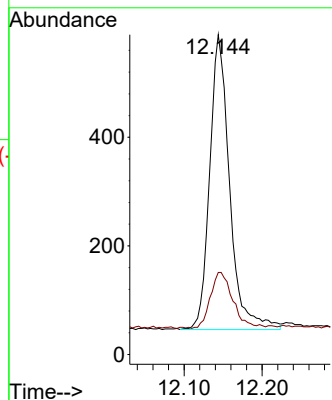
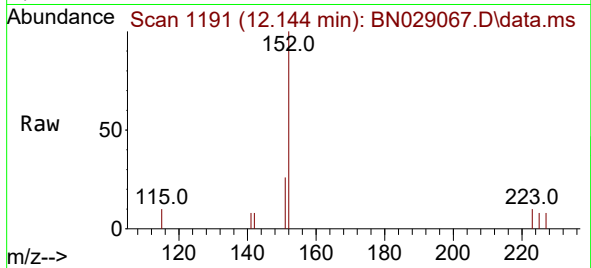




#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.144 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN029067.D
Acq: 06 Dec 2023 22:01

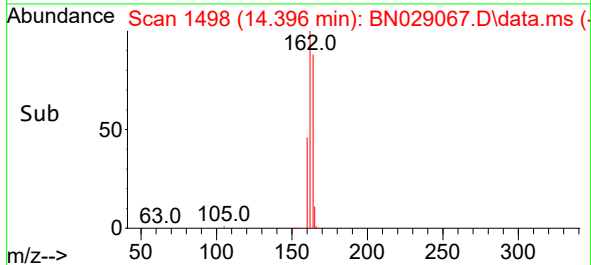
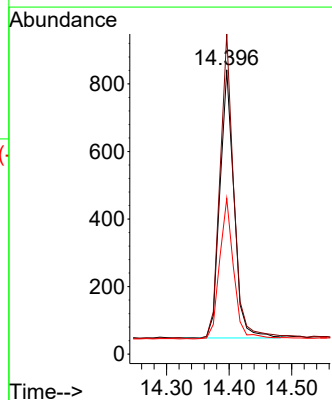
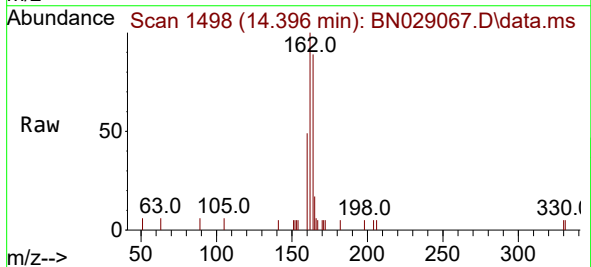
Instrument :
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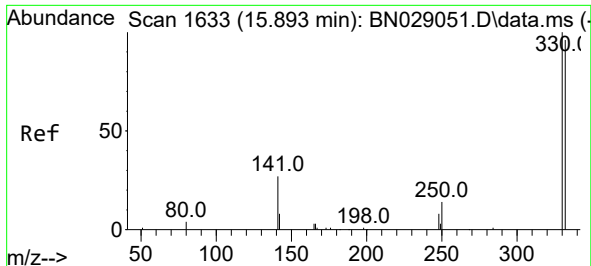
Tgt Ion:152 Resp: 965
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN029067.D
Acq: 06 Dec 2023 22:01

Tgt Ion:164 Resp: 1248
Ion Ratio Lower Upper
164 100
162 112.6 85.0 127.6
160 54.8 41.3 61.9

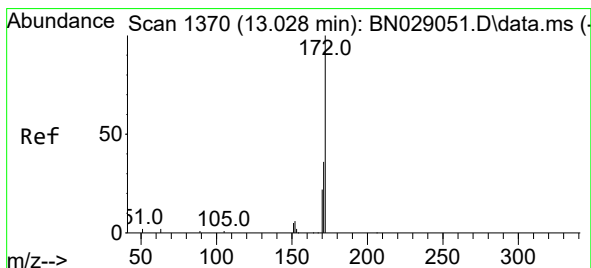
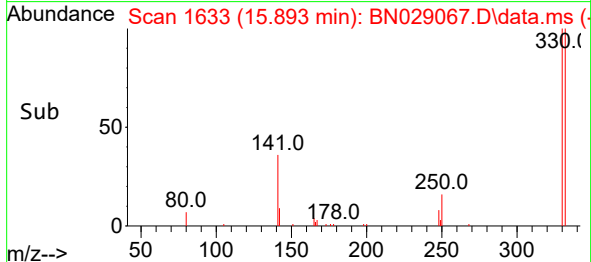
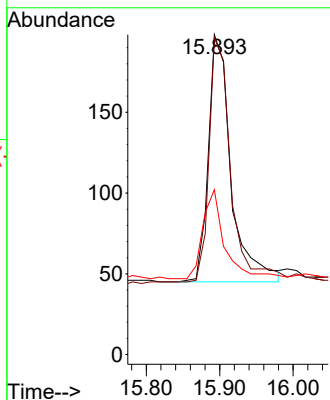
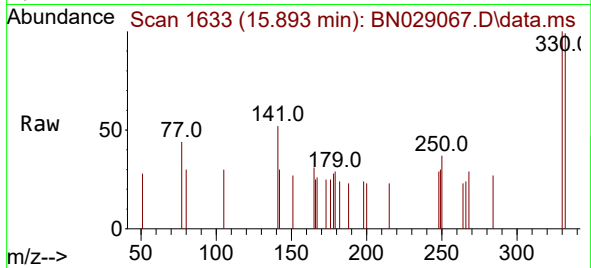




#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029067.D
Acq: 06 Dec 2023 22:01

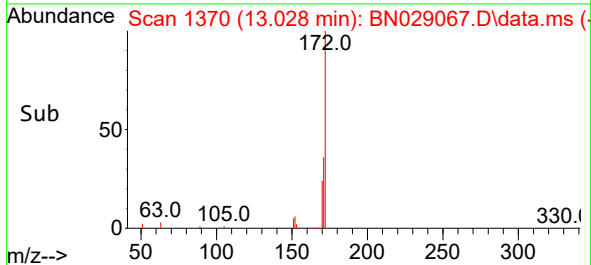
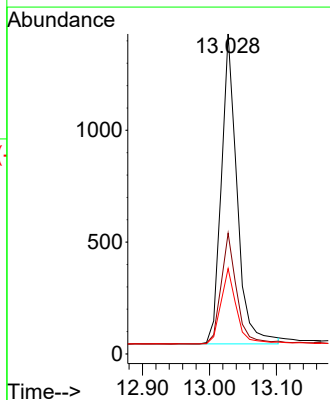
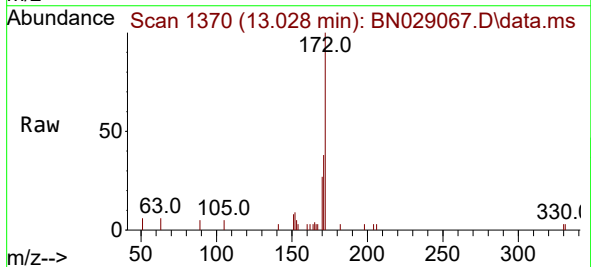
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RE120D1-20231113

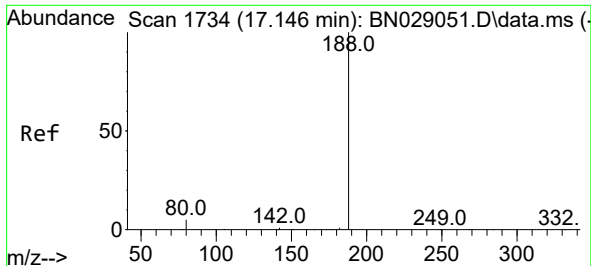
Tgt Ion: 330 Resp: 328
Ion Ratio Lower Upper
330 100
332 94.8 78.8 118.2
141 34.8 28.7 43.1



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029067.D
Acq: 06 Dec 2023 22:01

Tgt Ion: 172 Resp: 2268
Ion Ratio Lower Upper
172 100
171 37.7 30.1 45.1
170 26.7 20.3 30.5

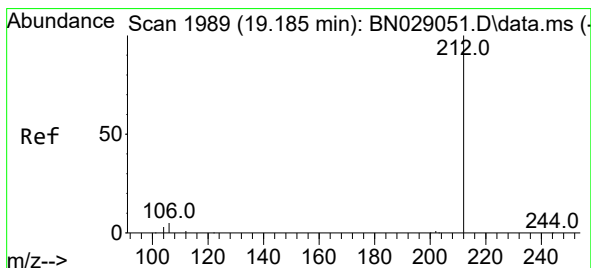
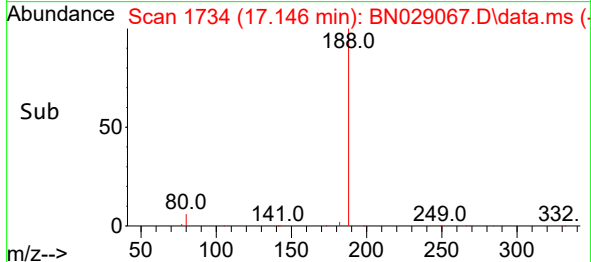
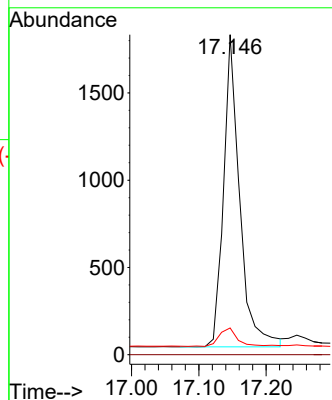
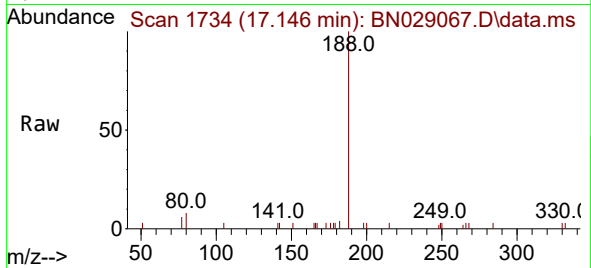




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029067.D
Acq: 06 Dec 2023 22:01

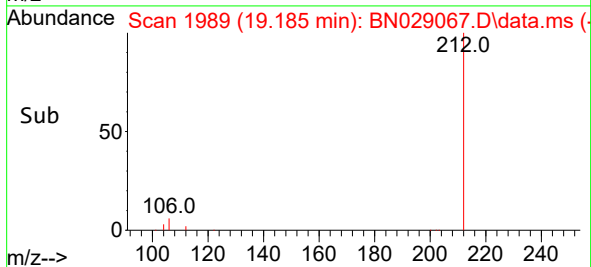
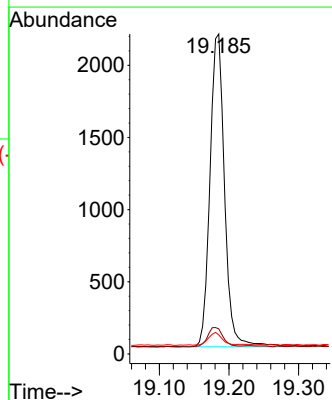
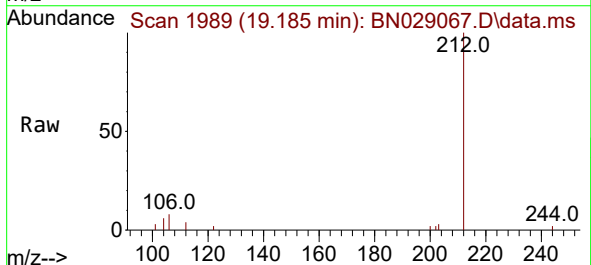
Instrument :
BNA_N
ClientSampleId :
RE120D1-20231113

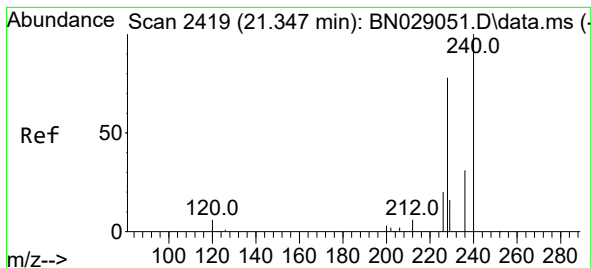
Tgt Ion:188 Resp: 2970
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 5.4 8.0#



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.185 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BN029067.D
Acq: 06 Dec 2023 22:01

Tgt Ion:212 Resp: 3156
Ion Ratio Lower Upper
212 100
106 6.6 3.9 5.9#
104 3.7 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: BN029067.D

Acq: 06 Dec 2023 22:01

Instrument :

BNA_N

ClientSampleId :

RE120D1-20231113

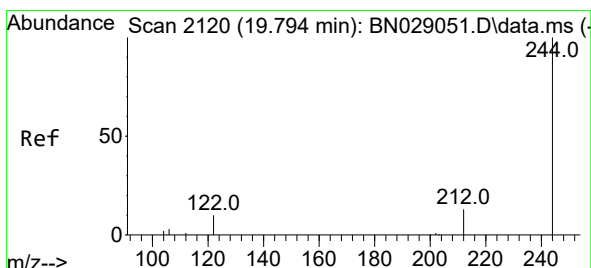
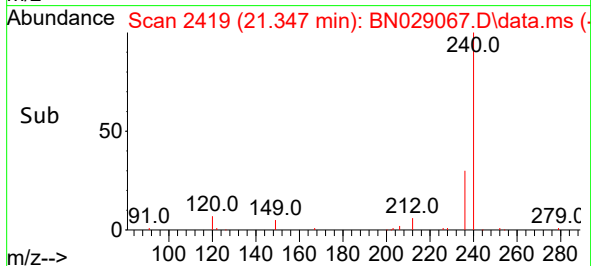
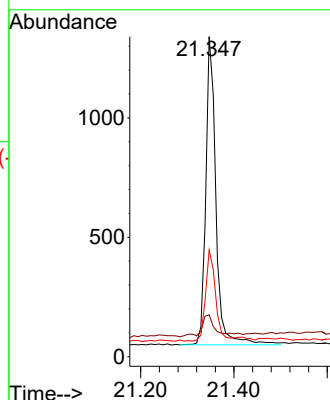
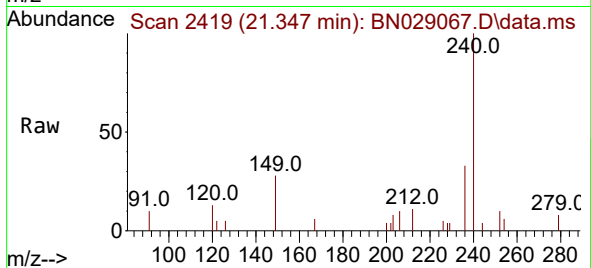
Tgt Ion:240 Resp: 1954

Ion Ratio Lower Upper

240 100

120 13.1 6.7 10.1#

236 33.4 25.7 38.5



#31

Terphenyl-d14

Concen: 0.437 ng

RT: 19.794 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BN029067.D

Acq: 06 Dec 2023 22:01

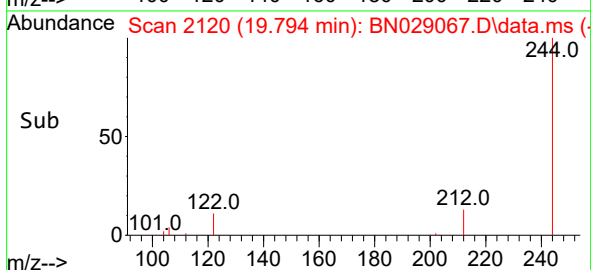
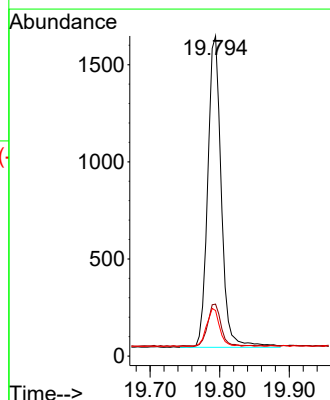
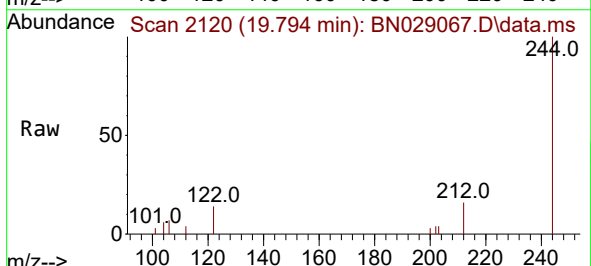
Tgt Ion:244 Resp: 2163

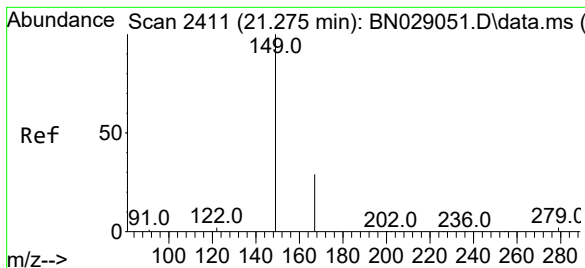
Ion Ratio Lower Upper

244 100

212 16.2 11.6 17.4

122 14.2 8.2 12.4#

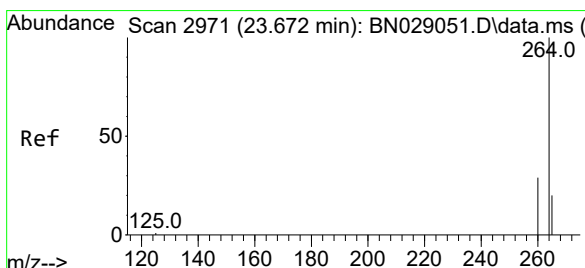
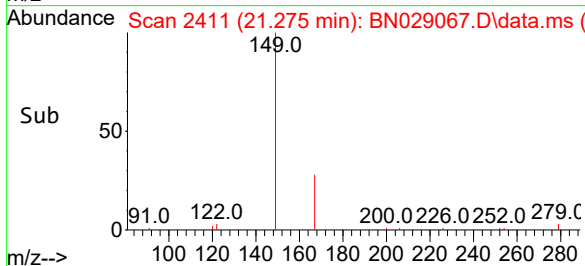
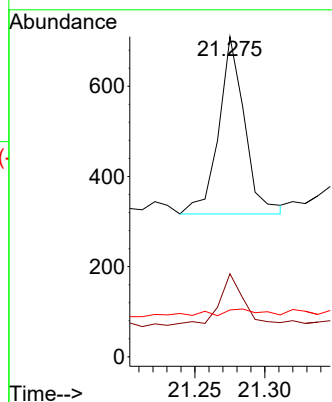
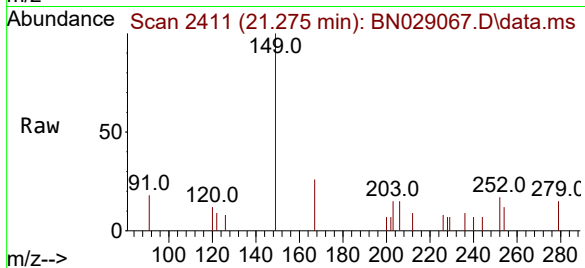




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029067.D
 Acq: 06 Dec 2023 22:01

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20231113

Tgt Ion:149 Resp: 506
 Ion Ratio Lower Upper
 149 100
 167 31.2 23.4 35.2
 279 9.5 3.4 5.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.669 min Scan# 2970
 Delta R.T. 0.000 min
 Lab File: BN029067.D
 Acq: 06 Dec 2023 22:01

Tgt Ion:264 Resp: 1965
 Ion Ratio Lower Upper
 264 100
 260 32.0 23.9 35.9
 265 94.8 52.7 79.1#

