

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029020.D
 Acq On : 03 Dec 2023 14:32
 Operator : MA/JU
 Sample : 05404-28
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20231110

Quant Time: Dec 04 00:43:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

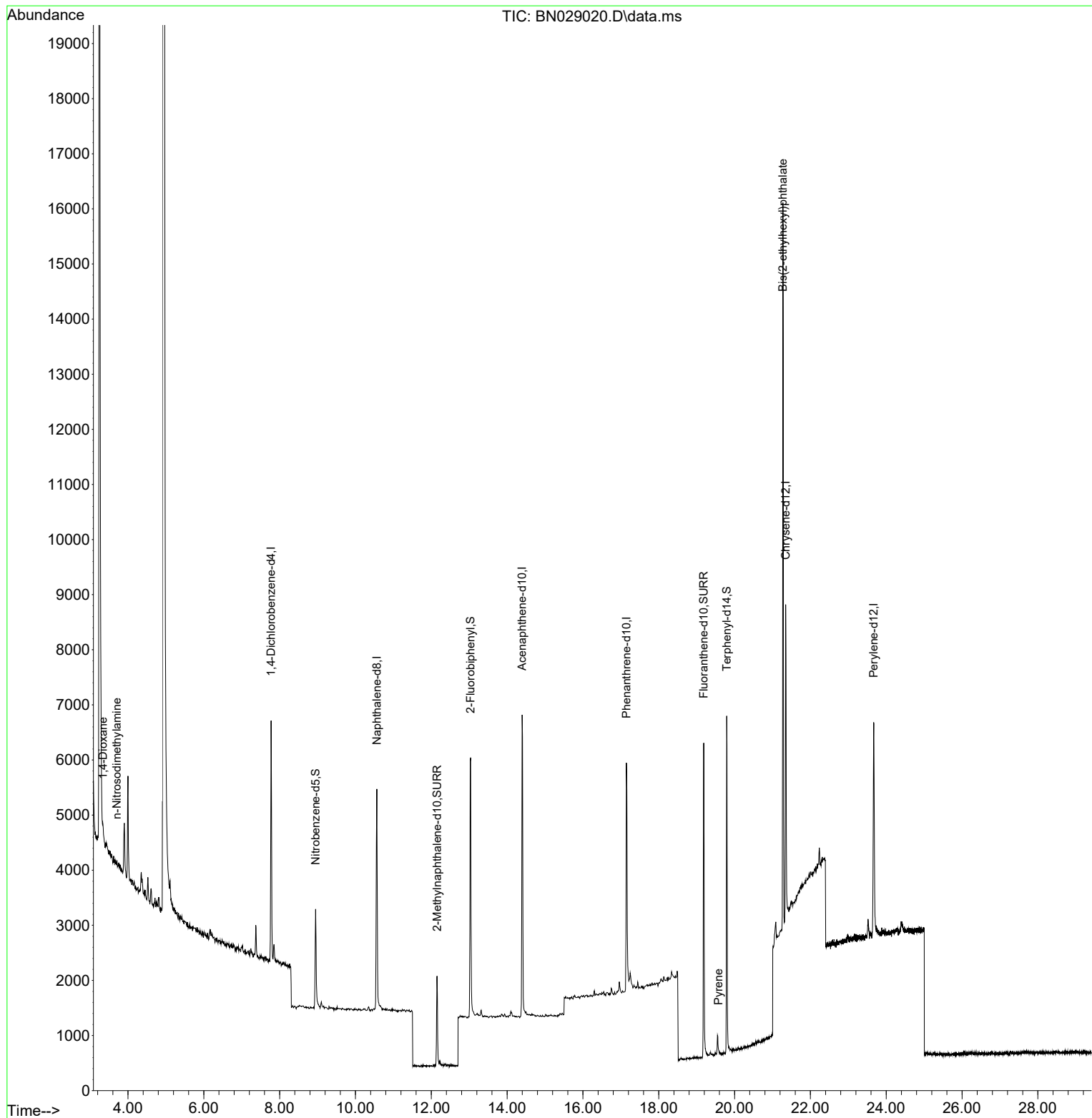
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2009	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5649	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3540	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7279	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5772	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	5509	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	13	0.002	ng	0.00
5) Phenol-d6	6.981	99	22	0.003	ng	0.00
8) Nitrobenzene-d5	8.950	82	1693	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2471	0.273	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	7	0.003	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	4750	0.311	ng	0.00
27) Fluoranthene-d10	19.185	212	6919	0.361	ng	0.00
31) Terphenyl-d14	19.794	244	6480	0.396	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.341	88	277	0.141	ng	# 75
3) n-Nitrosodimethylamine	3.702	42	30	0.101	ng	# 14
30) Pyrene	19.576	202	58	0.095	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.275	149	12463	0.291	ng	# 86

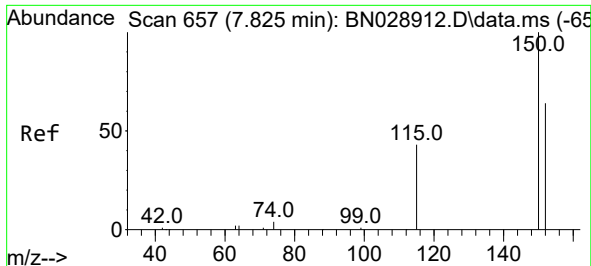
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
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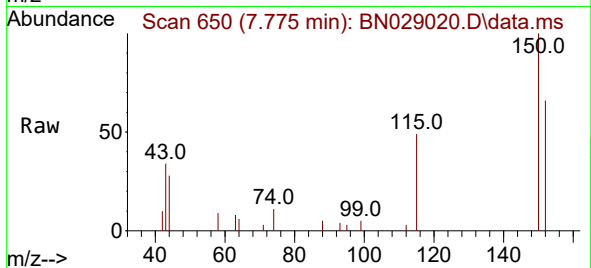
Quant Time: Dec 04 00:43:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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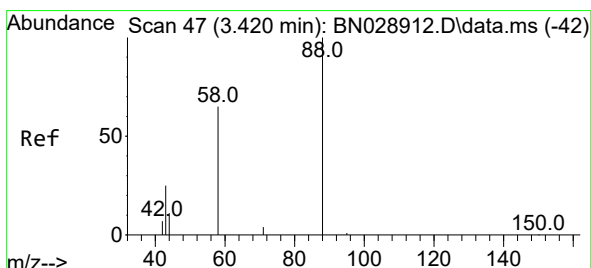
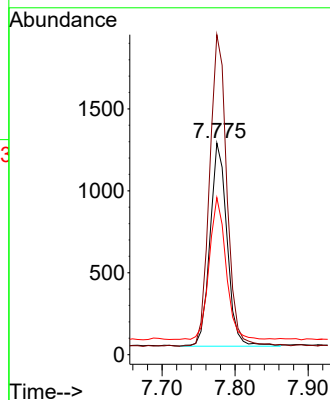
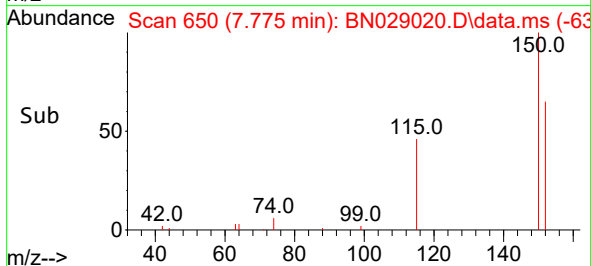


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029020.D
 Acq: 03 Dec 2023 14:32

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20231110

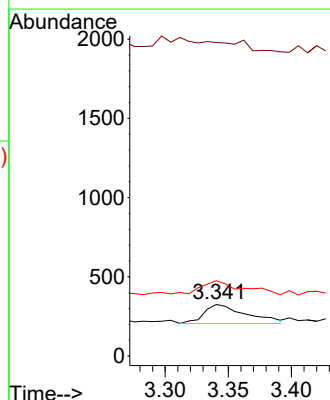
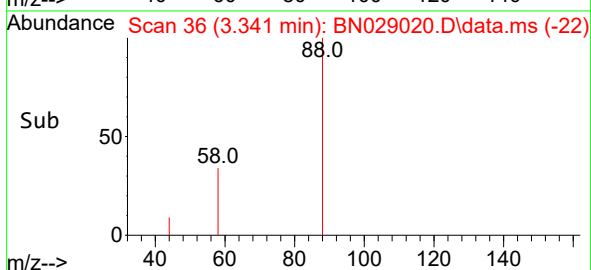
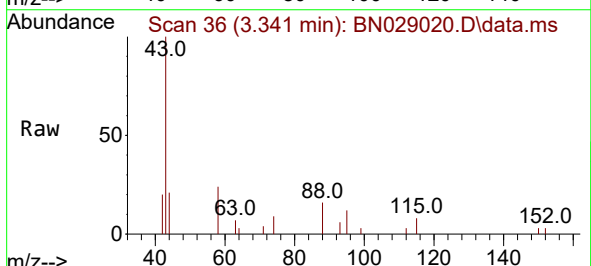


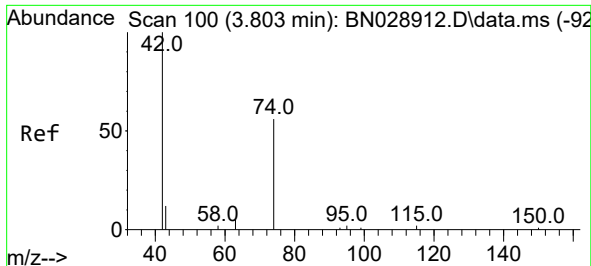
Tgt Ion:152 Resp: 2009
 Ion Ratio Lower Upper
 152 100
 150 151.2 123.4 185.2
 115 74.2 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.141 ng
 RT: 3.341 min Scan# 36
 Delta R.T. -0.000 min
 Lab File: BN029020.D
 Acq: 03 Dec 2023 14:32

Tgt Ion: 88 Resp: 277
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.9 44.9#
 58 72.9 55.0 82.4

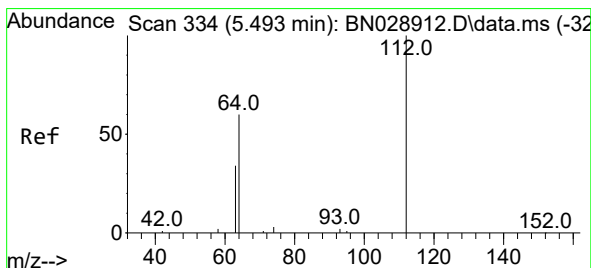
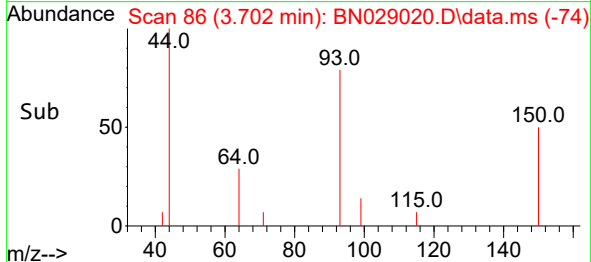
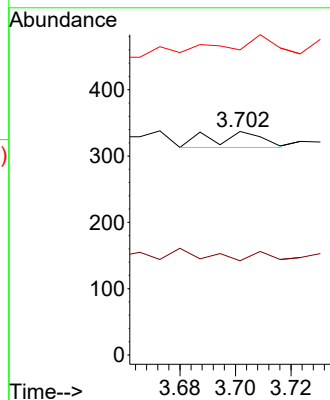
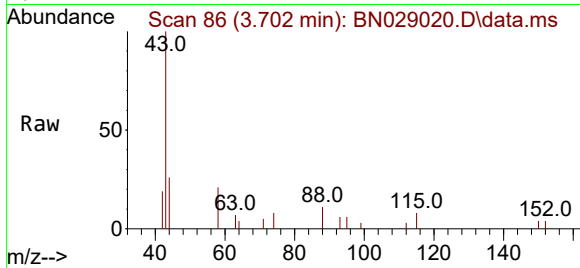




#3
n-Nitrosodimethylamine
Concen: 0.101 ng
RT: 3.702 min Scan# 80
Delta R.T. -0.014 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

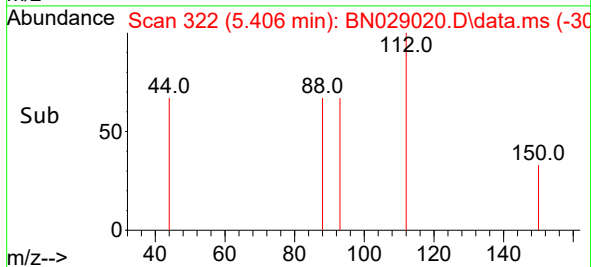
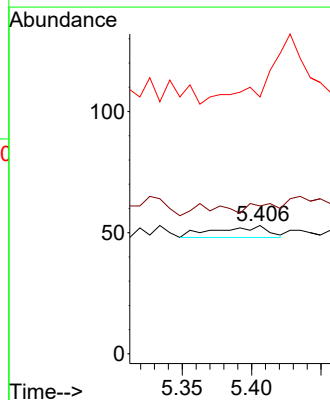
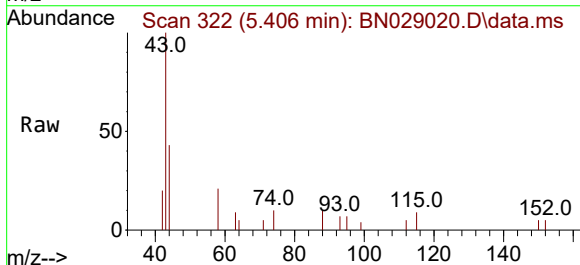
Instrument :
BNA_N
ClientSampleId :
RE103D3-20231110

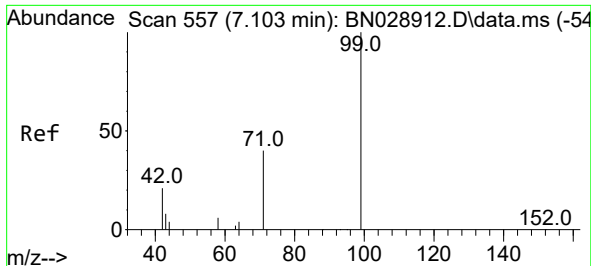
Tgt Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 230.0 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.007 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

Tgt Ion: 112 Resp: 13
Ion Ratio Lower Upper
112 100
64 0.0 51.5 77.3#
63 0.0 30.4 45.6#

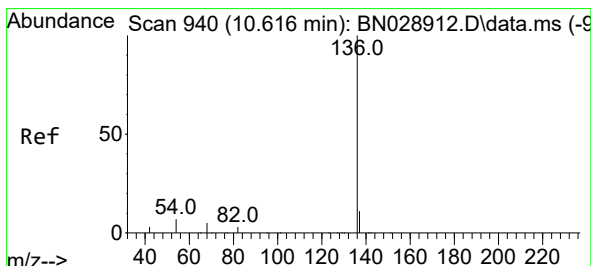
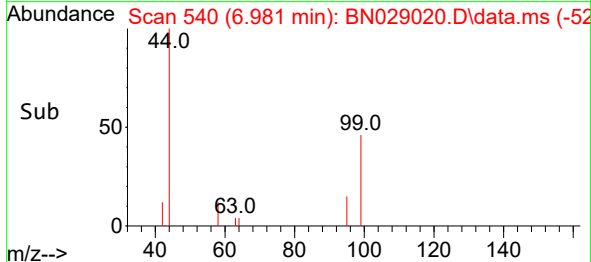
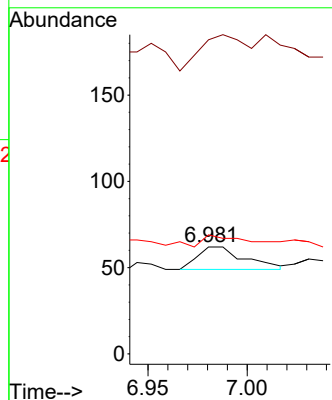
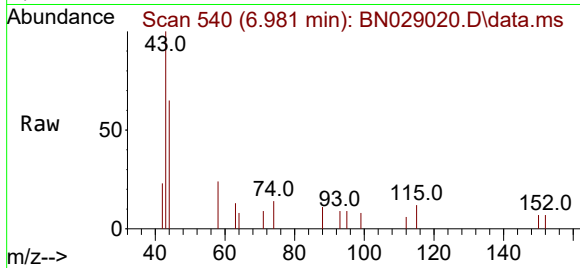




#5
Phenol-d6
Concen: 0.003 ng
RT: 6.981 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

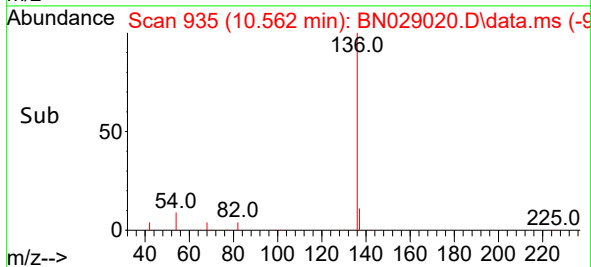
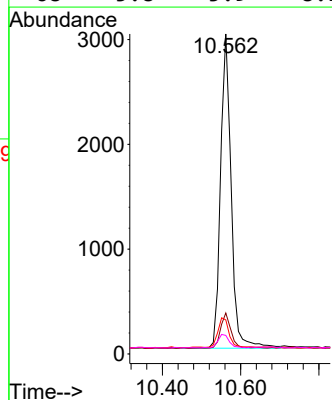
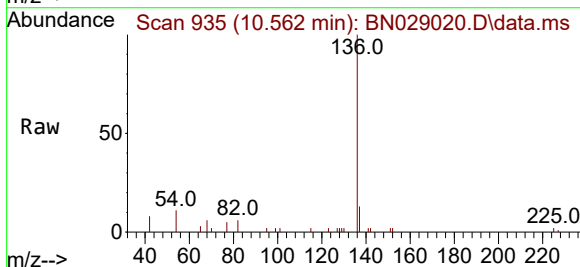
Instrument :
BNA_N
ClientSampleId :
RE103D3-20231110

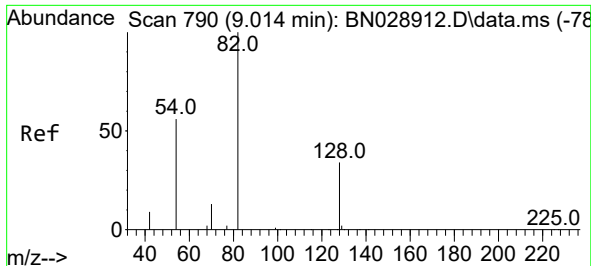
Tgt Ion: 99 Resp: 22
Ion Ratio Lower Upper
99 100
42 154.5 21.2 31.8#
71 36.4 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

Tgt Ion: 136 Resp: 5649
Ion Ratio Lower Upper
136 100
137 12.8 10.6 16.0
54 10.6 7.5 11.3
68 5.8 5.9 8.9#

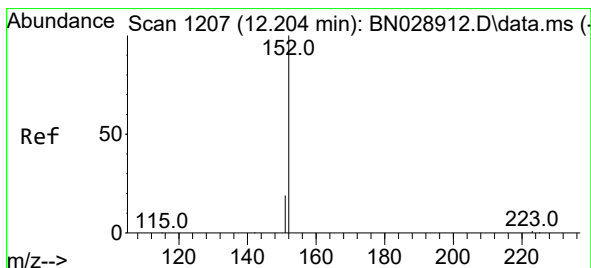
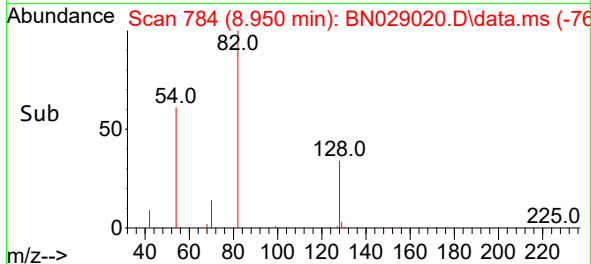
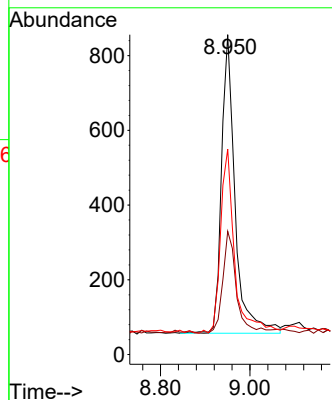
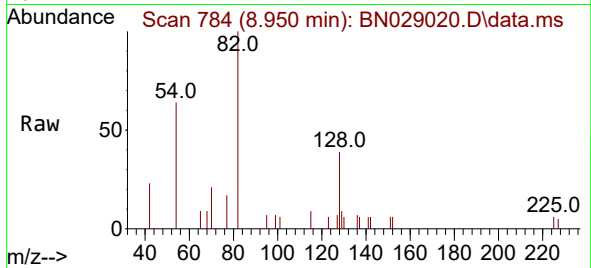




#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

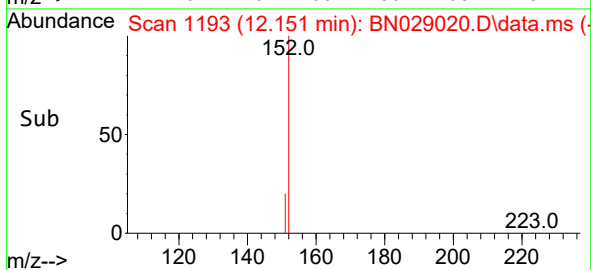
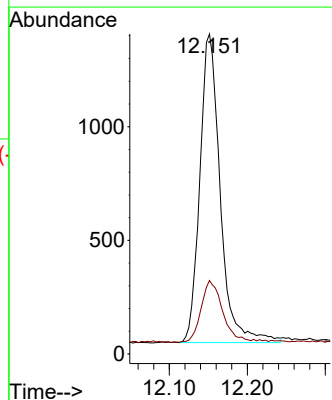
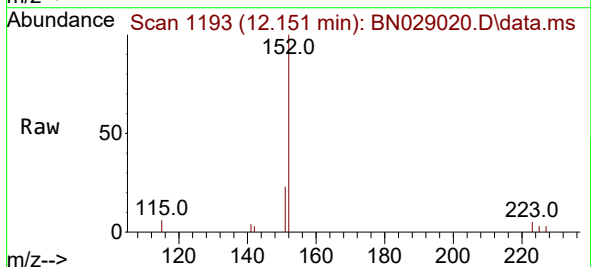
Instrument :
BNA_N
ClientSampleId :
RE103D3-20231110

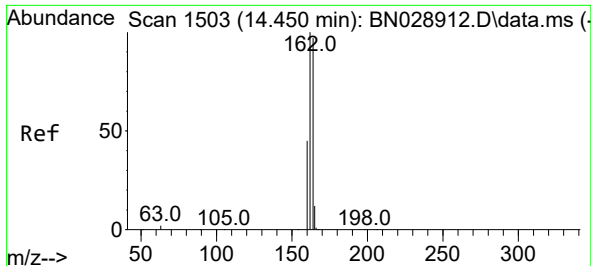
Tgt Ion: 82 Resp: 1693
Ion Ratio Lower Upper
82 100
128 38.6 29.2 43.8
54 64.3 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.151 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

Tgt Ion:152 Resp: 2471
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1

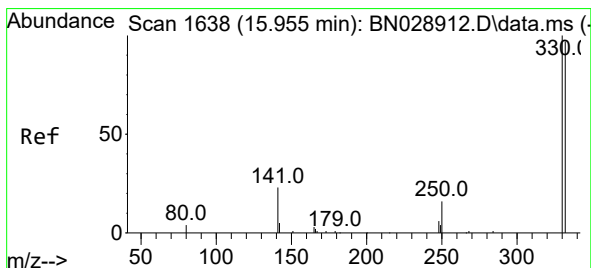
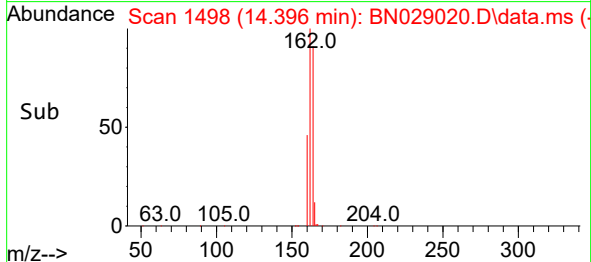
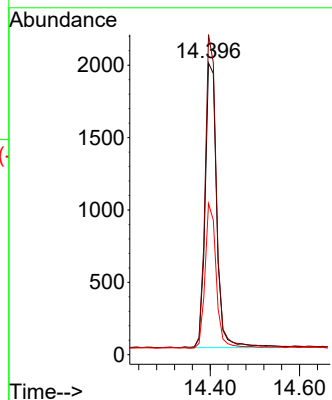
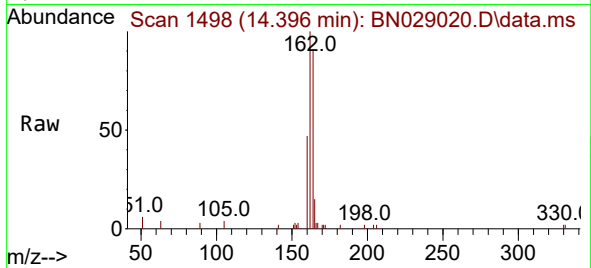




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

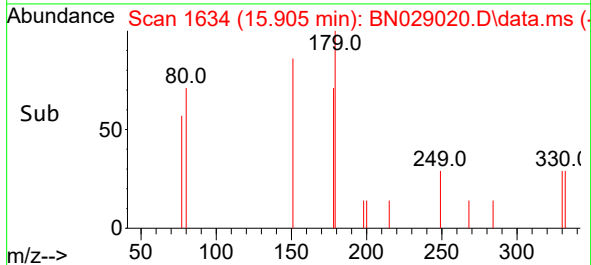
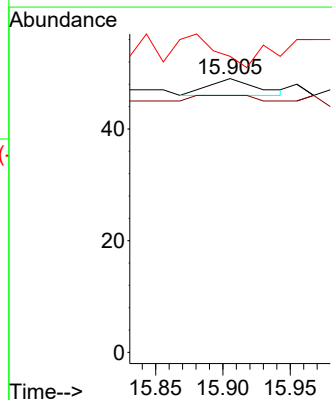
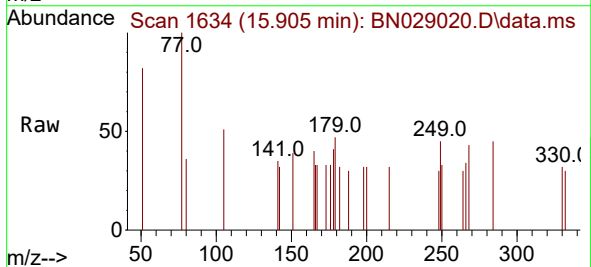
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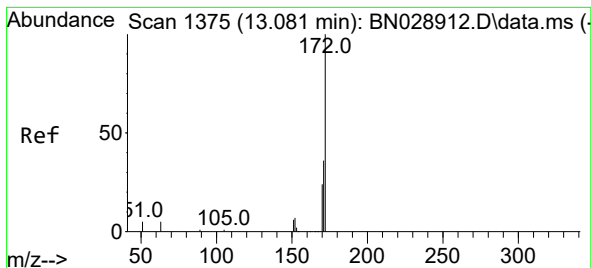
Tgt Ion:164 Resp: 3540
Ion Ratio Lower Upper
164 100
162 109.7 81.7 122.5
160 51.9 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

Tgt Ion:330 Resp: 7
Ion Ratio Lower Upper
330 100
332 0.0 75.4 113.2#
141 0.0 35.7 53.5#





#15

2-Fluorobiphenyl

Concen: 0.311 ng

RT: 13.038 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029020.D

Acq: 03 Dec 2023 14:32

Instrument :

BNA_N

ClientSampleId :

RE103D3-20231110

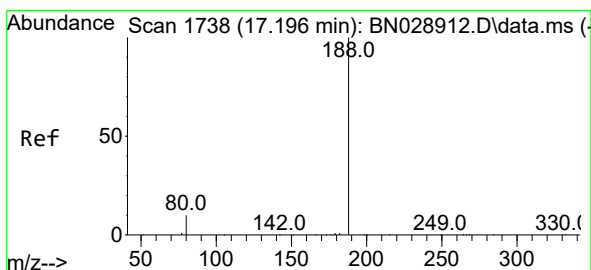
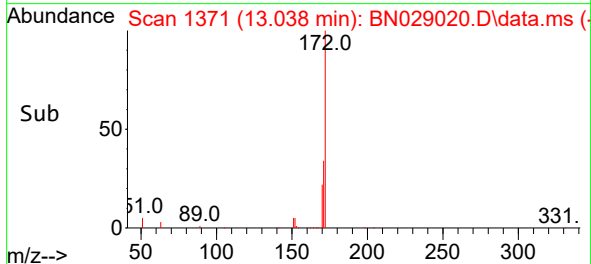
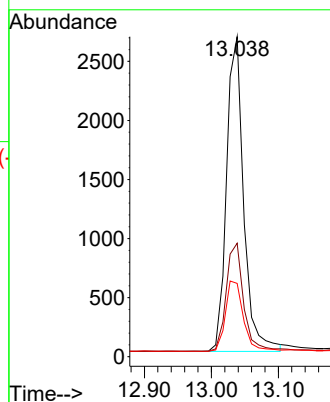
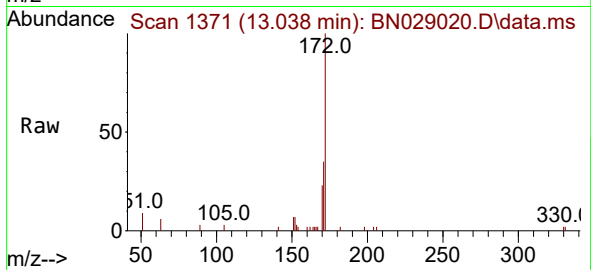
Tgt Ion:172 Resp: 4750

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 22.9 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.146 min Scan# 1734

Delta R.T. -0.012 min

Lab File: BN029020.D

Acq: 03 Dec 2023 14:32

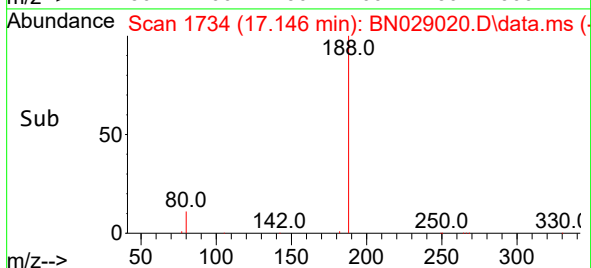
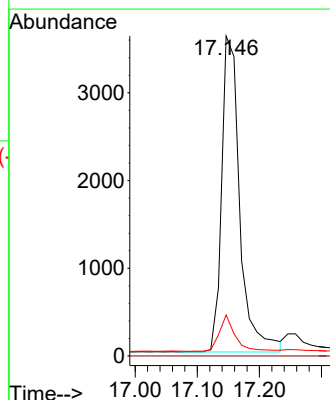
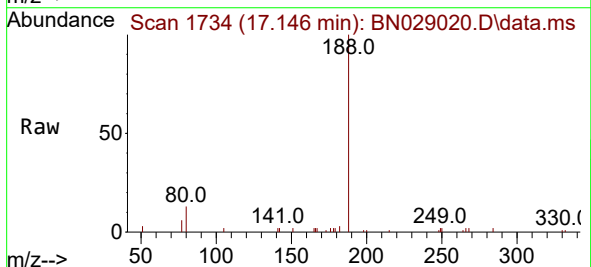
Tgt Ion:188 Resp: 7279

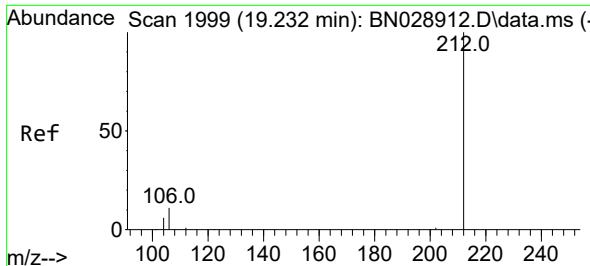
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 9.0 13.6

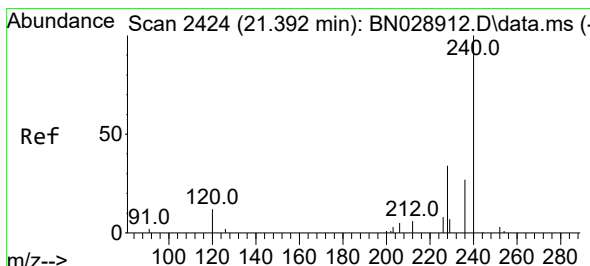
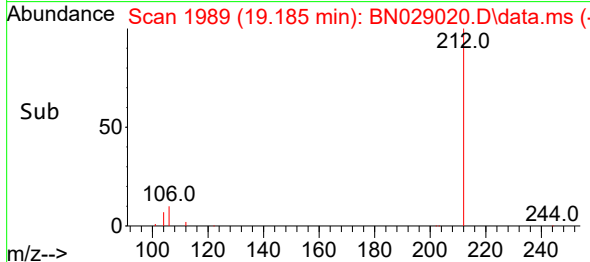
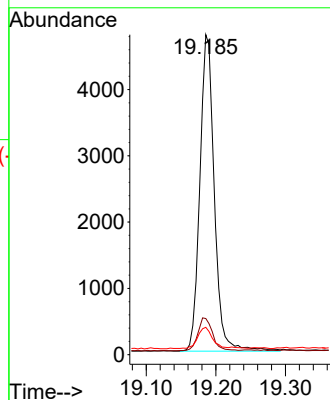
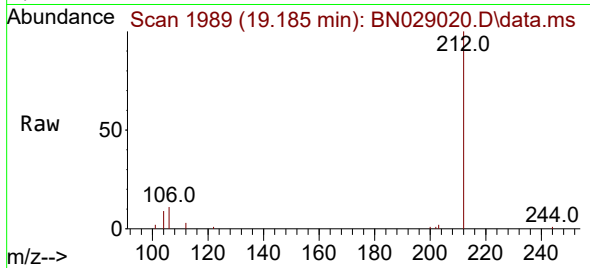




#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.185 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

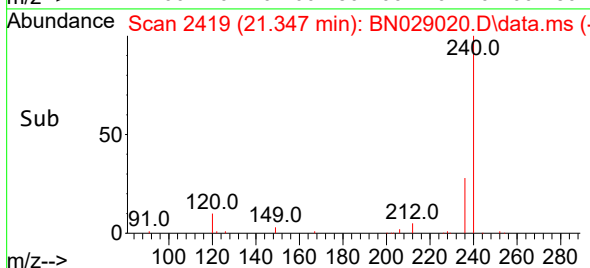
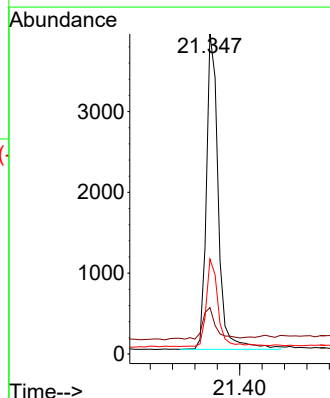
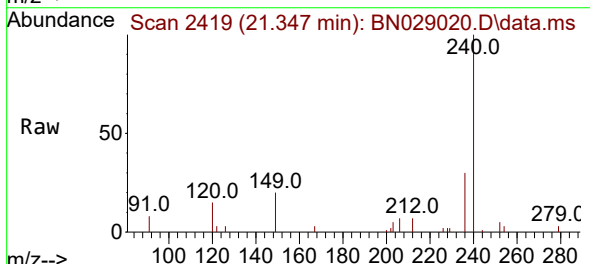
Instrument :
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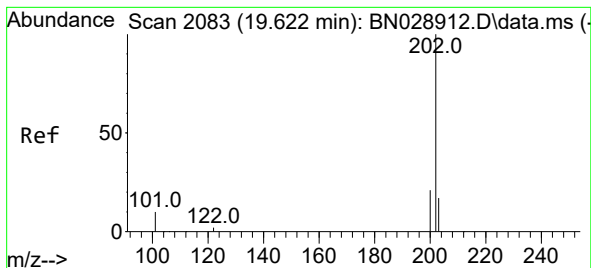
Tgt Ion:212 Resp: 6919
Ion Ratio Lower Upper
212 100
106 10.5 9.4 14.2
104 6.6 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

Tgt Ion:240 Resp: 5772
Ion Ratio Lower Upper
240 100
120 14.5 37.1 55.7#
236 29.7 32.4 48.6#





#30

Pyrene

Concen: 0.095 ng

RT: 19.576 min Scan# 20

Delta R.T. -0.005 min

Lab File: BN029020.D

Acq: 03 Dec 2023 14:32

Instrument :

BNA_N

ClientSampleId :

RE103D3-20231110

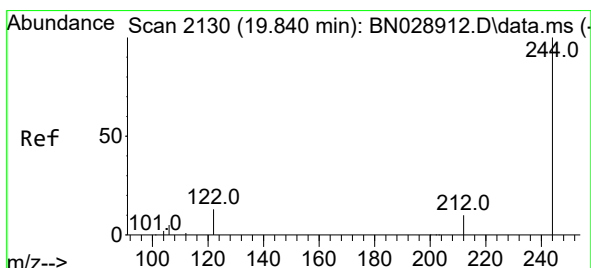
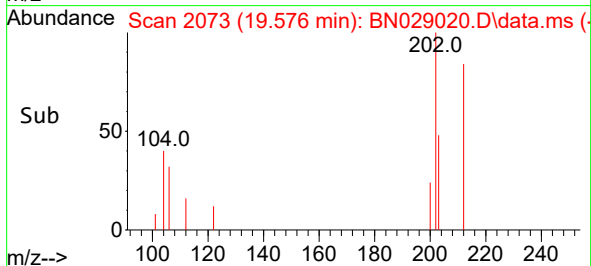
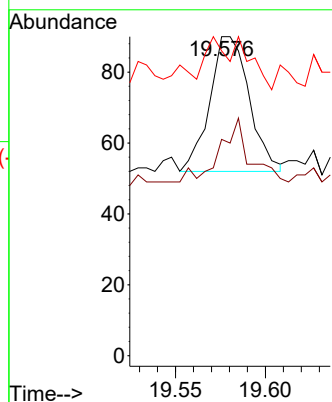
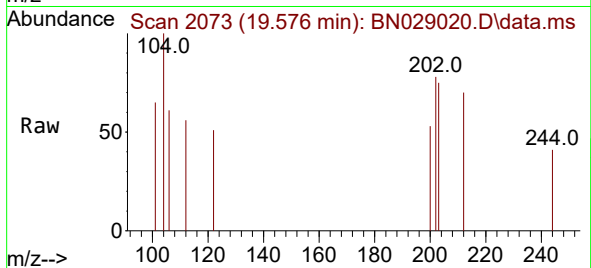
Tgt Ion:202 Resp: 58

Ion Ratio Lower Upper

202 100

200 37.9 16.9 25.3#

203 15.5 14.8 22.2



#31

Terphenyl-d14

Concen: 0.396 ng

RT: 19.794 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BN029020.D

Acq: 03 Dec 2023 14:32

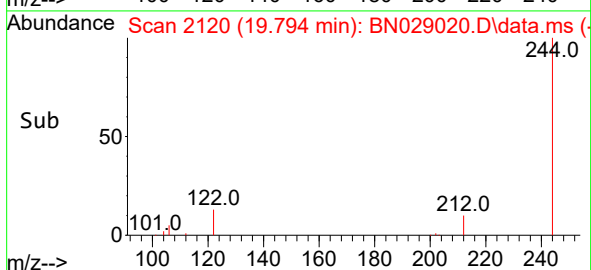
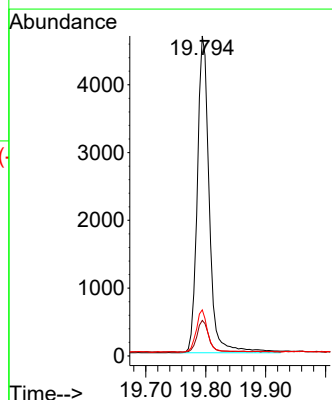
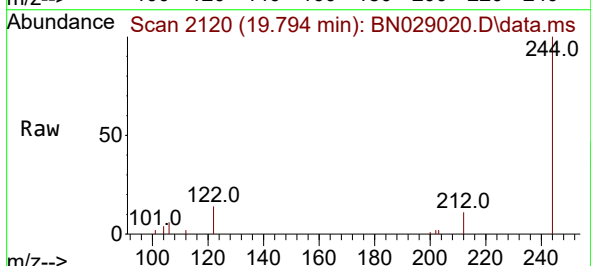
Tgt Ion:244 Resp: 6480

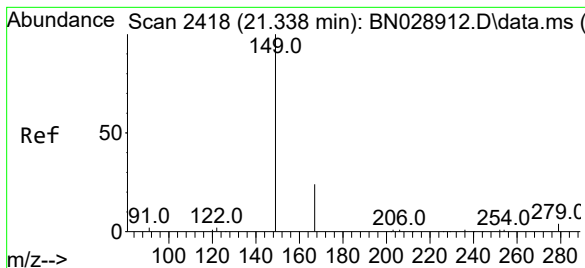
Ion Ratio Lower Upper

244 100

212 11.1 11.5 17.3#

122 14.4 13.2 19.8

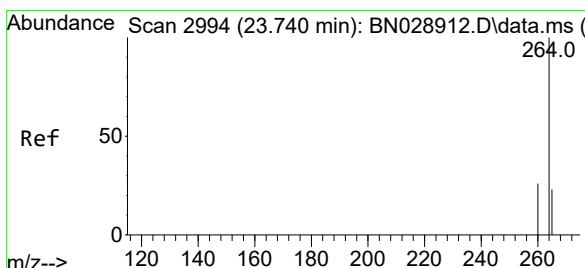
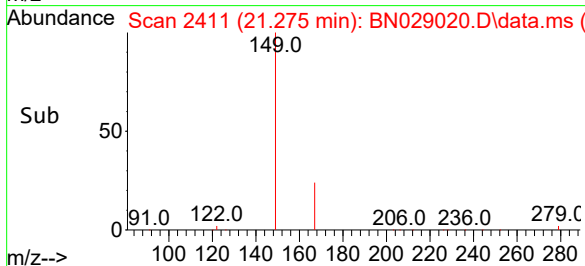
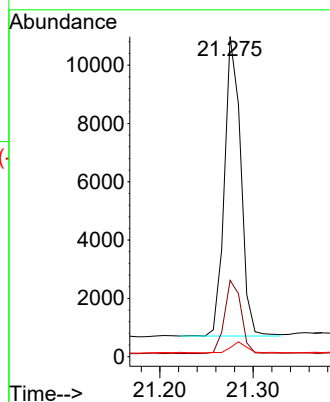
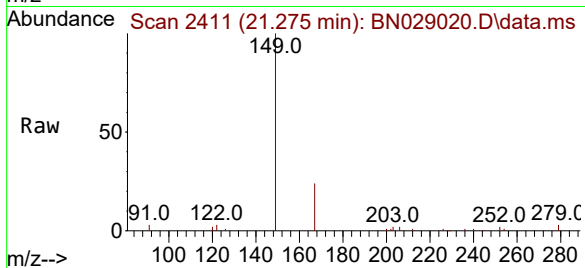




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.291 ng
RT: 21.275 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

Instrument :
BNA_N
ClientSampleId :
RE103D3-20231110

Tgt Ion:149 Resp: 12463
Ion Ratio Lower Upper
149 100
167 25.1 14.9 22.3#
279 3.5 6.3 9.5#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.670 min Scan# 2970
Delta R.T. -0.000 min
Lab File: BN029020.D
Acq: 03 Dec 2023 14:32

Tgt Ion:264 Resp: 5509
Ion Ratio Lower Upper
264 100
260 27.3 20.6 30.8
265 74.5 464.5 696.7#

