

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
 Data File : BN030780.D
 Acq On : 08 Apr 2024 22:02
 Operator : MA/JU
 Sample : PB160073BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160073BL

Quant Time: Apr 16 13:37:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 11 12:30:40 2024
 Response via : Initial Calibration

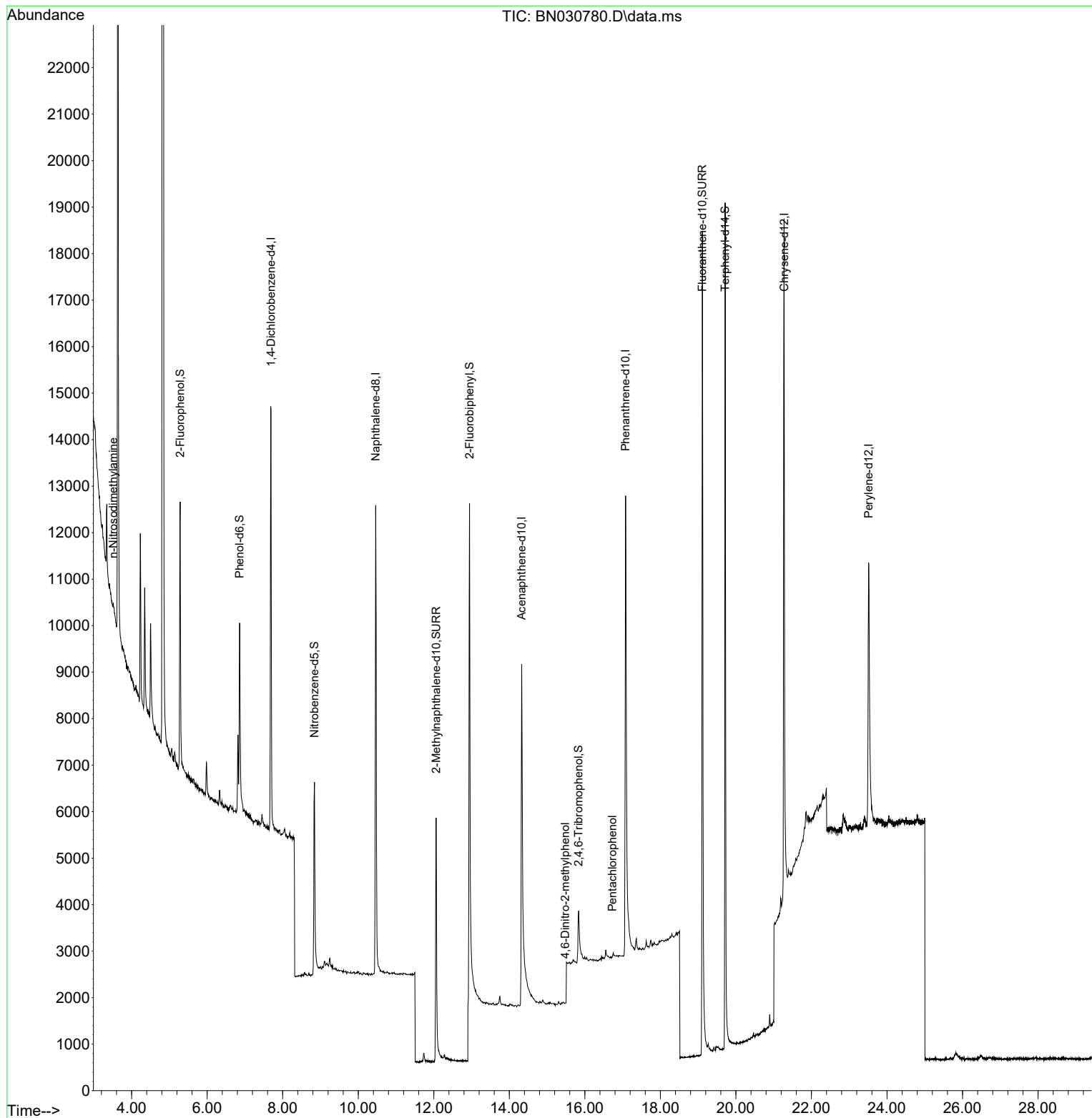
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	4932	0.400	ng	-0.01
7) Naphthalene-d8	10.464	136	14735	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	7876	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	21349	0.400	ng	#-0.01
29) Chrysene-d12	21.276	240	16818	0.400	ng	0.00
35) Perylene-d12	23.516	264	11607	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	5163	0.481	ng	-0.01
5) Phenol-d6	6.859	99	4730	0.343	ng	-0.01
8) Nitrobenzene-d5	8.841	82	4044	0.391	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	8466	0.376	ng	-0.02
14) 2,4,6-Tribromophenol	15.836	330	874	0.294	ng	0.00
15) 2-Fluorobiphenyl	12.948	172	11620	0.382	ng	-0.02
27) Fluoranthene-d10	19.112	212	24789	0.431	ng	-0.01
31) Terphenyl-d14	19.716	244	20405	0.525	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.515	42	144	0.025	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.481	198	3	0.173	ng	# 1
24) Pentachlorophenol	16.730	266	36	0.177	ng	# 20

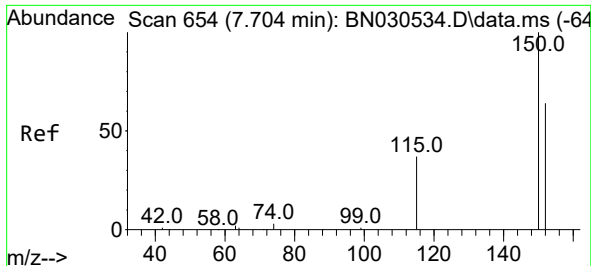
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 16 13:37:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 11 12:30:40 2024
Response via : Initial Calibration

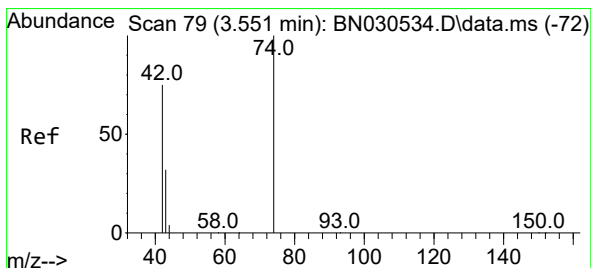
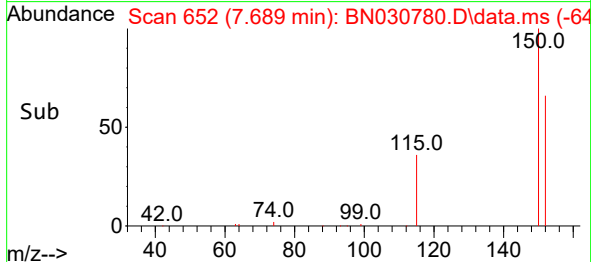
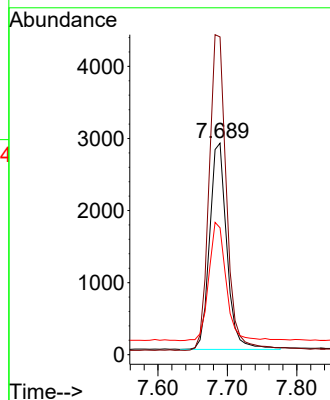
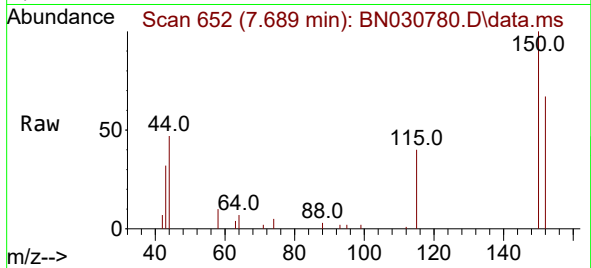




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN030780.D
Acq: 08 Apr 2024 22:02

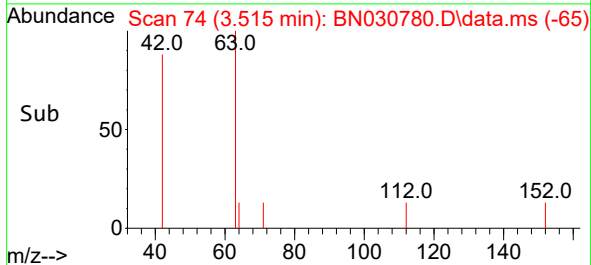
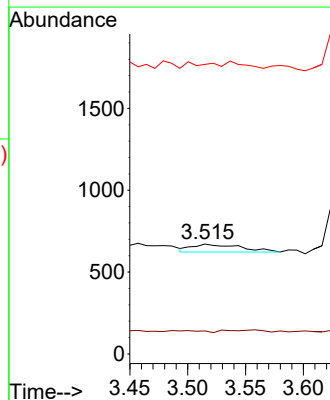
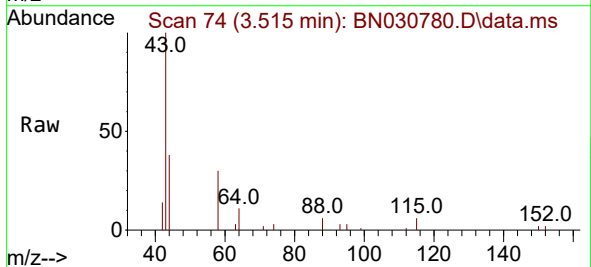
Instrument :
BNA_N
ClientSampleId :
PB160073BL

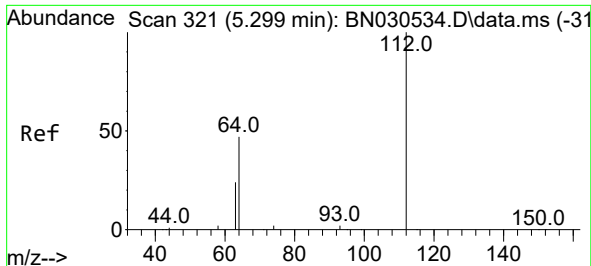
Tgt Ion:152 Resp: 4932
Ion Ratio Lower Upper
152 100
150 150.2 124.2 186.4
115 60.0 48.6 72.8



#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.515 min Scan# 74
Delta R.T. -0.036 min
Lab File: BN030780.D
Acq: 08 Apr 2024 22:02

Tgt Ion: 42 Resp: 144
Ion Ratio Lower Upper
42 100
74 0.0 100.9 151.3#
44 24.3 5.8 8.6#

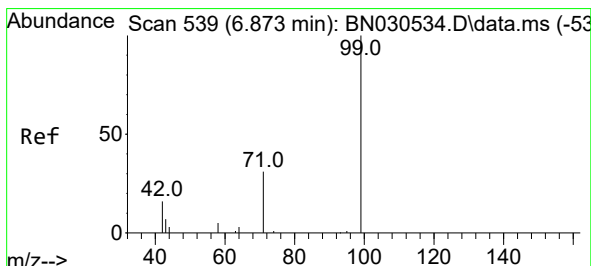
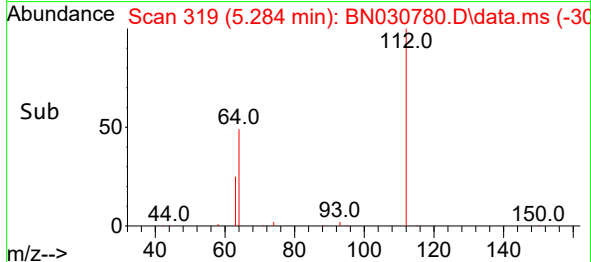
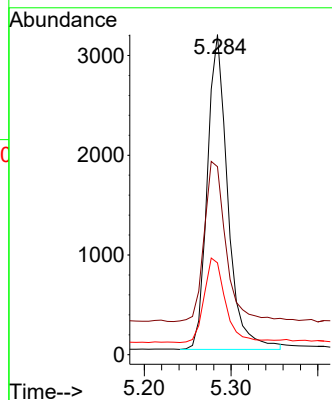
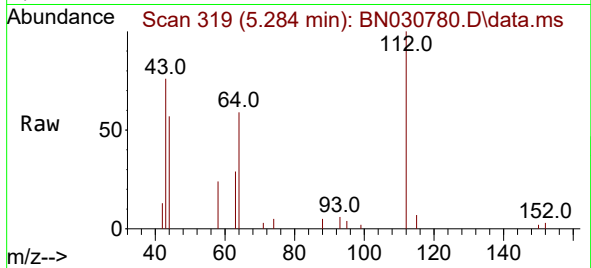




#4
2-Fluorophenol
Concen: 0.481 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.015 min
Lab File: BN030780.D
Acq: 08 Apr 2024 22:02

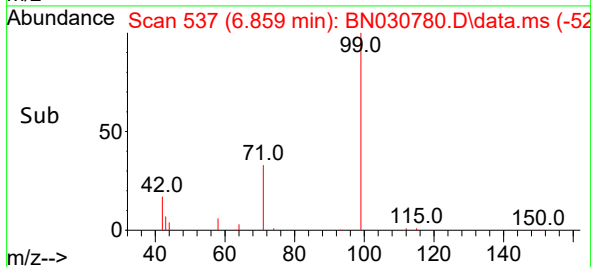
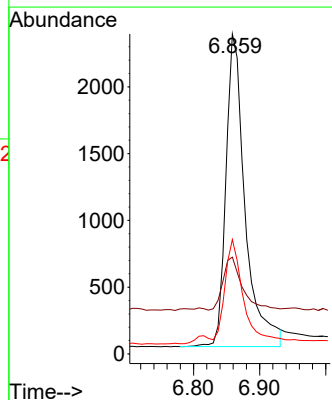
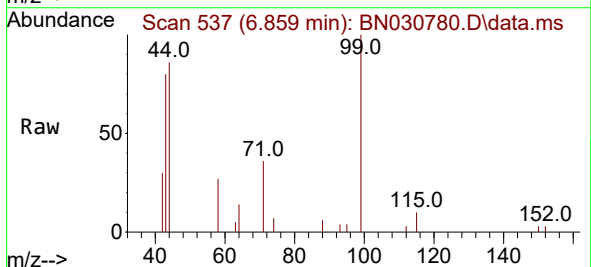
Instrument :
BNA_N
ClientSampleId :
PB160073BL

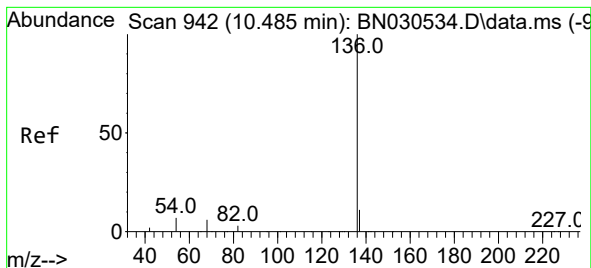
Tgt Ion:112 Resp: 5163
Ion Ratio Lower Upper
112 100
64 53.8 43.2 64.8
63 28.3 22.5 33.7



#5
Phenol-d6
Concen: 0.343 ng
RT: 6.859 min Scan# 537
Delta R.T. -0.015 min
Lab File: BN030780.D
Acq: 08 Apr 2024 22:02

Tgt Ion: 99 Resp: 4730
Ion Ratio Lower Upper
99 100
42 17.0 15.8 23.6
71 29.6 25.9 38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.464 min Scan# 94

Delta R.T. -0.021 min

Lab File: BN030780.D

Acq: 08 Apr 2024 22:02

Instrument :

BNA_N

ClientSampleId :

PB160073BL

Tgt Ion:136 Resp: 14735

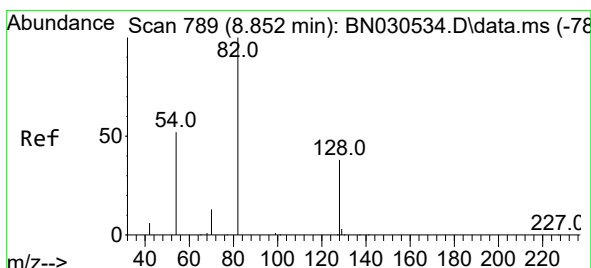
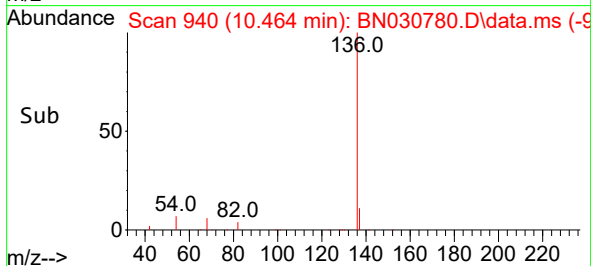
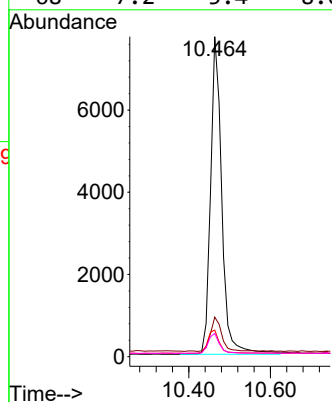
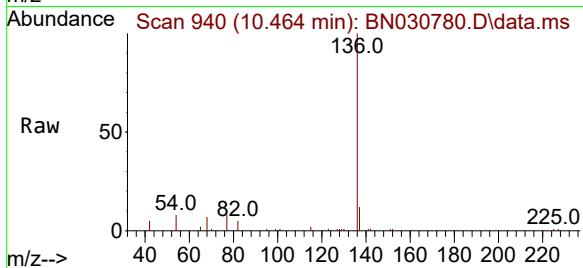
Ion Ratio Lower Upper

136 100

137 12.3 9.1 13.7

54 8.3 6.4 9.6

68 7.2 5.4 8.0



#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 8.841 min Scan# 788

Delta R.T. -0.011 min

Lab File: BN030780.D

Acq: 08 Apr 2024 22:02

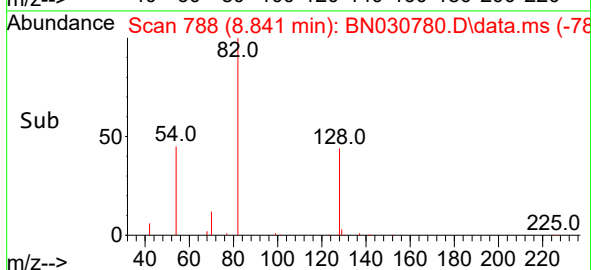
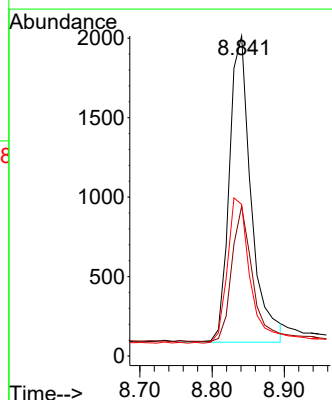
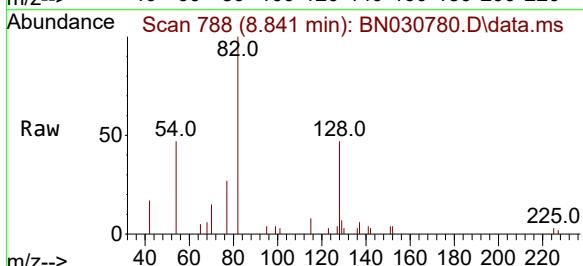
Tgt Ion: 82 Resp: 4044

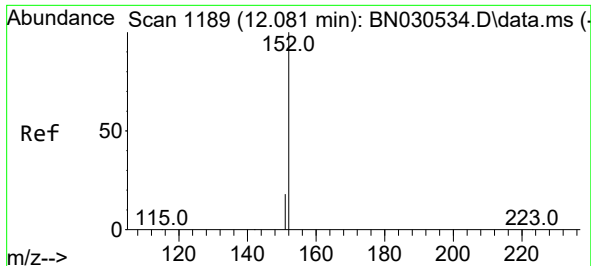
Ion Ratio Lower Upper

82 100

128 46.8 32.3 48.5

54 47.4 42.7 64.1

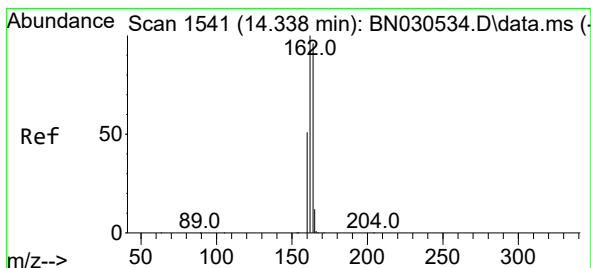
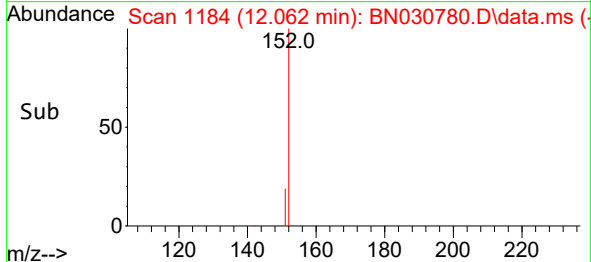
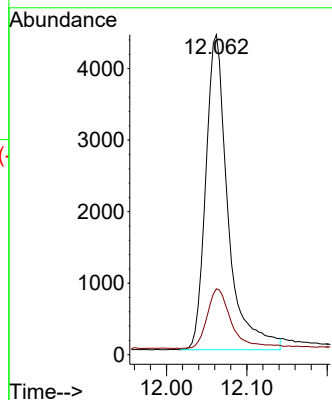
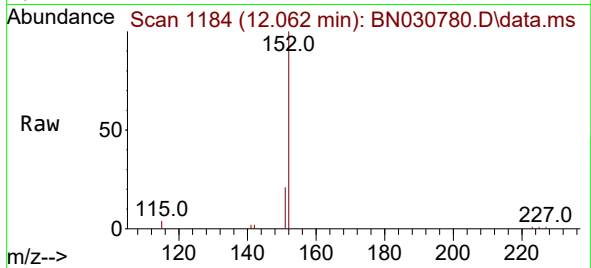




#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.062 min Scan# 1184
Delta R.T. -0.019 min
Lab File: BN030780.D
Acq: 08 Apr 2024 22:02

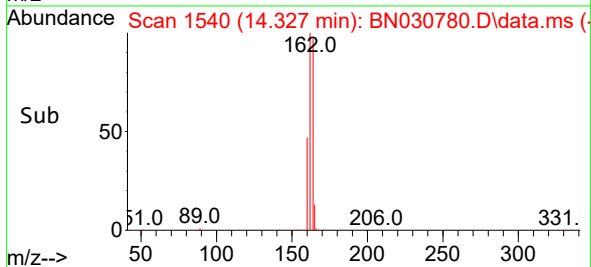
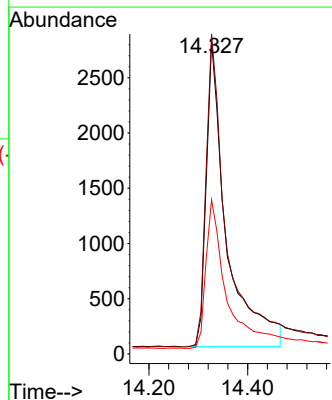
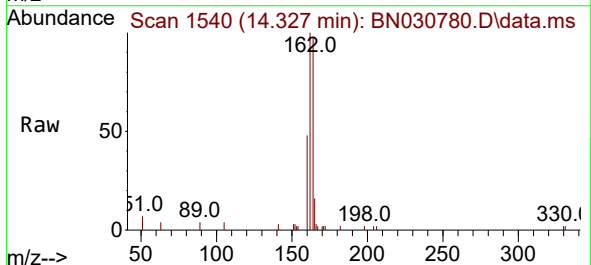
Instrument :
BNA_N
ClientSampleId :
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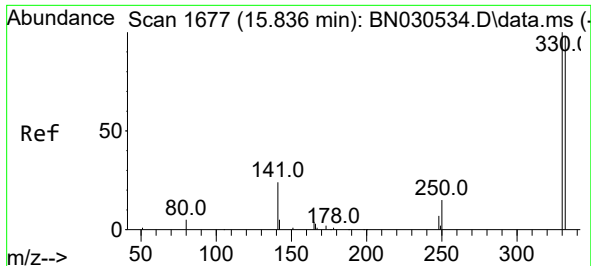
Tgt Ion:152 Resp: 8466
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1540
Delta R.T. -0.011 min
Lab File: BN030780.D
Acq: 08 Apr 2024 22:02

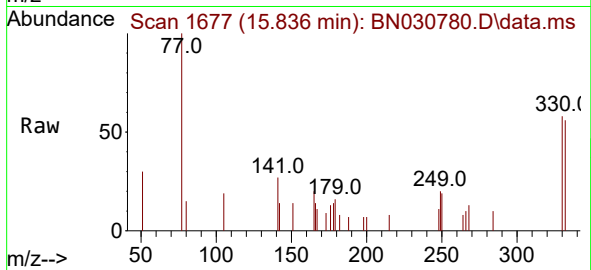
Tgt Ion:164 Resp: 7876
Ion Ratio Lower Upper
164 100
162 102.5 83.5 125.3
160 49.4 42.5 63.7



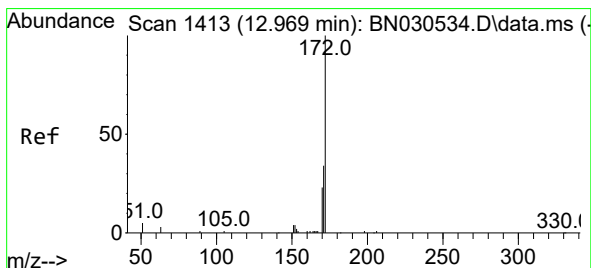
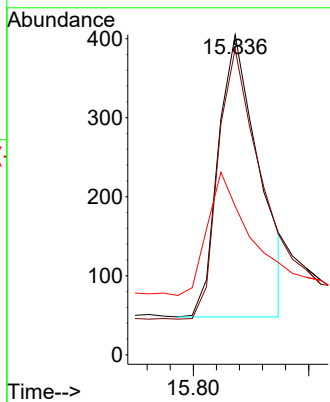
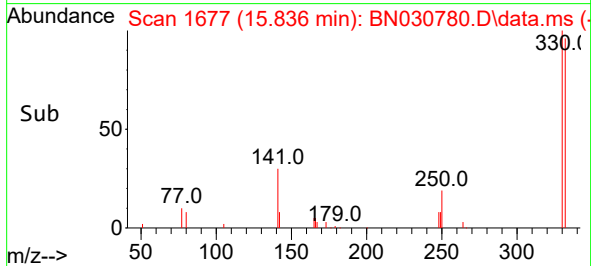


#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030780.D
Acq: 08 Apr 2024 22:02

Instrument :
BNA_N
ClientSampleId :
PB160073BL

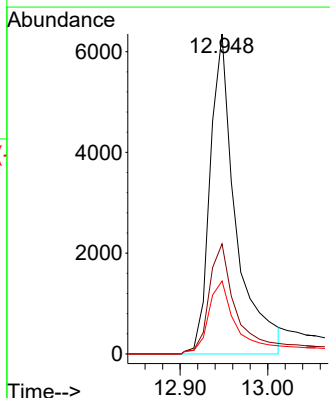
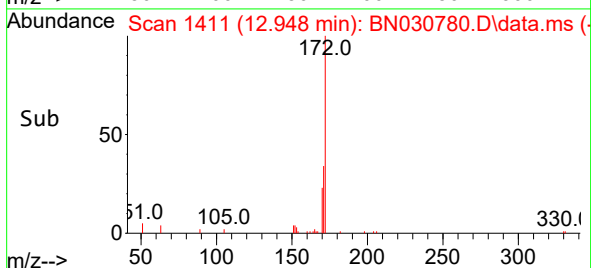
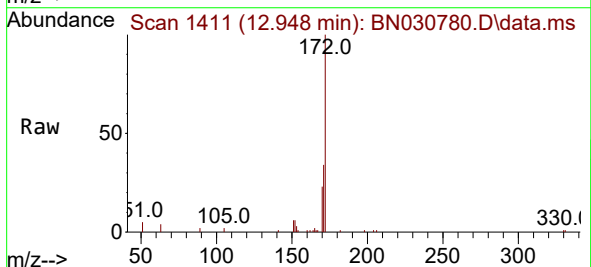


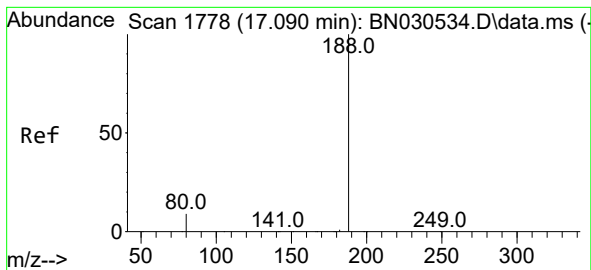
Tgt Ion:330 Resp: 874
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 44.2 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.948 min Scan# 1411
Delta R.T. -0.021 min
Lab File: BN030780.D
Acq: 08 Apr 2024 22:02

Tgt Ion:172 Resp: 11620
Ion Ratio Lower Upper
172 100
171 34.4 27.1 40.7
170 22.8 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN030780.D

Acq: 08 Apr 2024 22:02

Instrument :

BNA_N

ClientSampleId :

PB160073BL

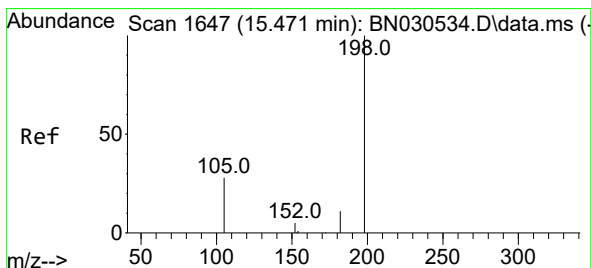
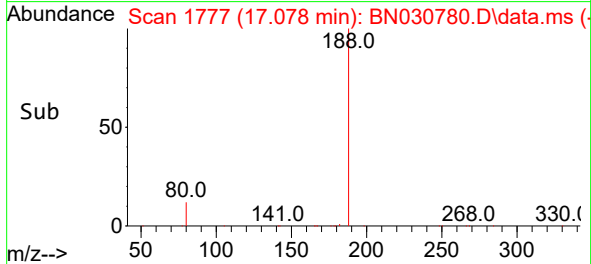
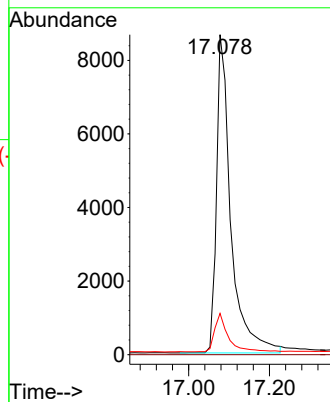
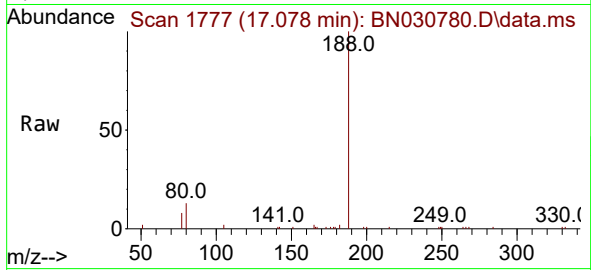
Tgt Ion:188 Resp: 21349

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.9 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.173 ng

RT: 15.481 min Scan# 1648

Delta R.T. 0.010 min

Lab File: BN030780.D

Acq: 08 Apr 2024 22:02

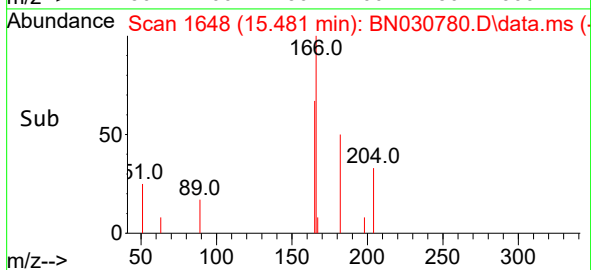
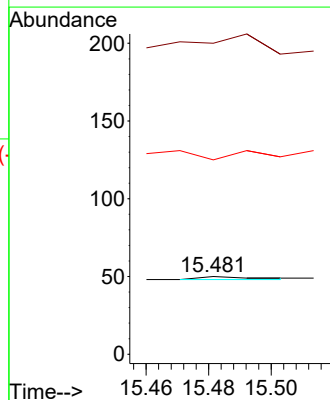
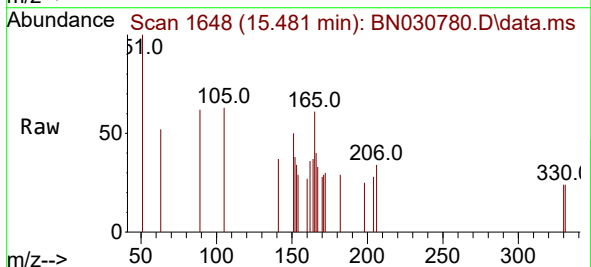
Tgt Ion:198 Resp: 3

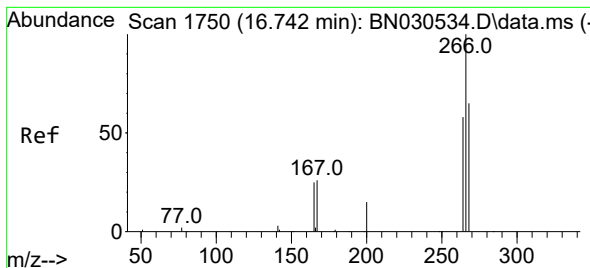
Ion Ratio Lower Upper

198 100

51 400.0 57.8 86.6#

105 250.0 37.5 56.3#





#24

Pentachlorophenol

Concen: 0.177 ng

RT: 16.730 min Scan# 1749

Delta R.T. -0.012 min

Lab File: BN030780.D

Acq: 08 Apr 2024 22:02

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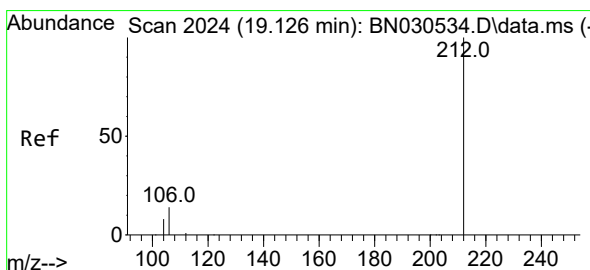
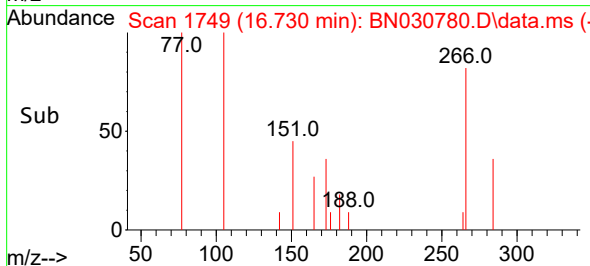
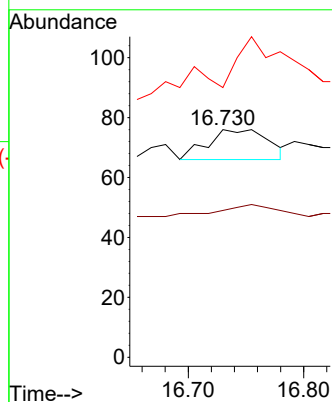
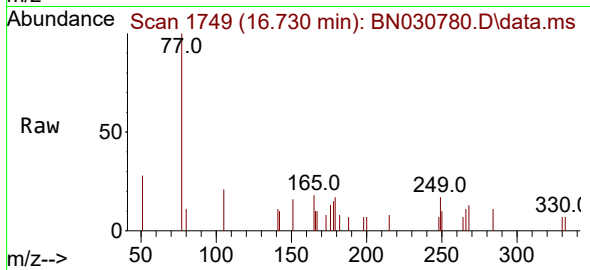
Tgt Ion:266 Resp: 36

Ion Ratio Lower Upper

266 100

264 0.0 48.7 73.1#

268 0.0 49.5 74.3#



#27

Fluoranthene-d10

Concen: 0.431 ng

RT: 19.112 min Scan# 2021

Delta R.T. -0.014 min

Lab File: BN030780.D

Acq: 08 Apr 2024 22:02

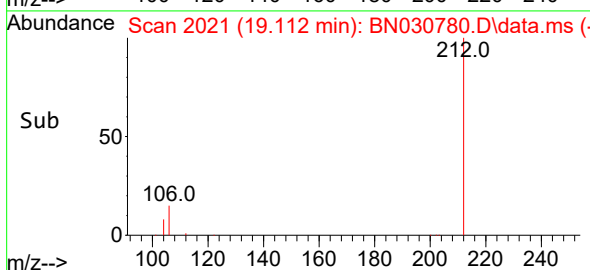
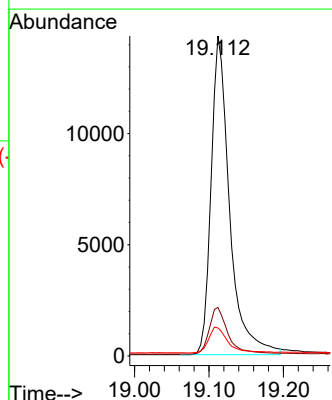
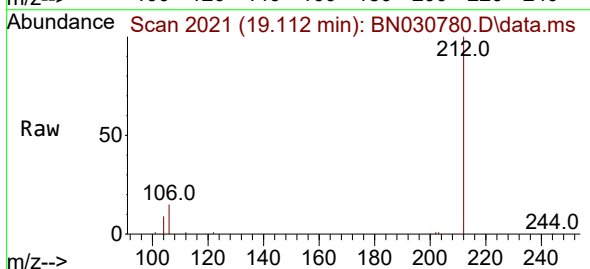
Tgt Ion:212 Resp: 24789

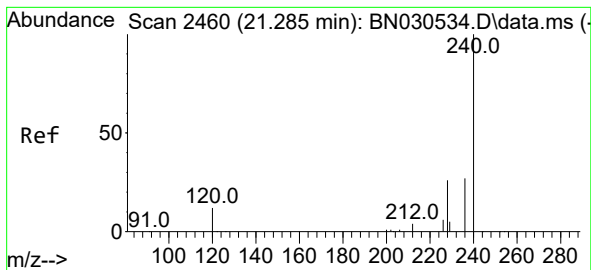
Ion Ratio Lower Upper

212 100

106 14.8 11.8 17.6

104 8.4 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.276 min Scan# 2459

Delta R.T. -0.009 min

Lab File: BN030780.D

Acq: 08 Apr 2024 22:02

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PB160073BL

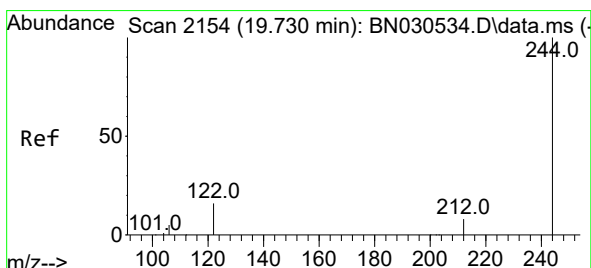
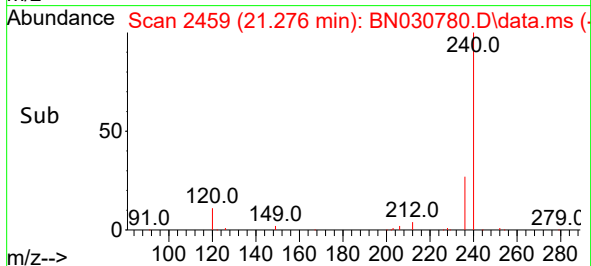
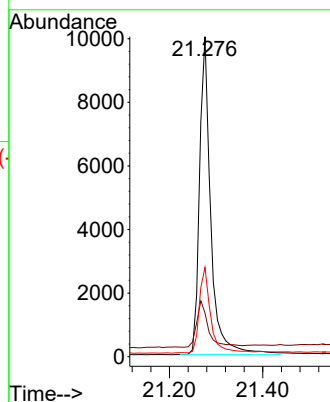
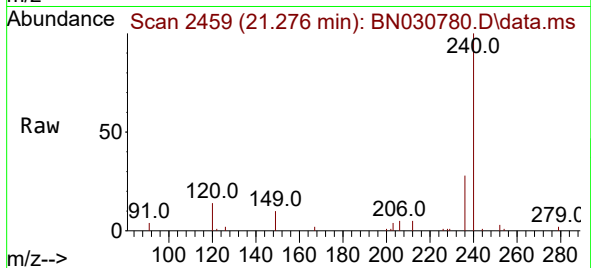
Tgt Ion:240 Resp: 16818

Ion Ratio Lower Upper

240 100

120 13.7 10.6 15.8

236 27.9 22.1 33.1



#31

Terphenyl-d14

Concen: 0.525 ng

RT: 19.716 min Scan# 2151

Delta R.T. -0.014 min

Lab File: BN030780.D

Acq: 08 Apr 2024 22:02

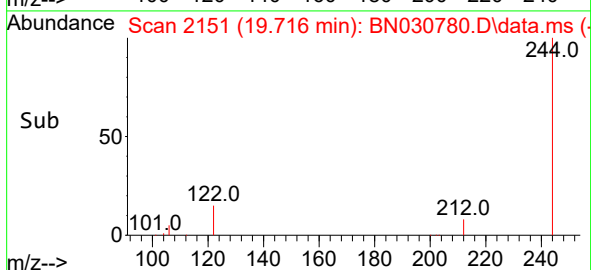
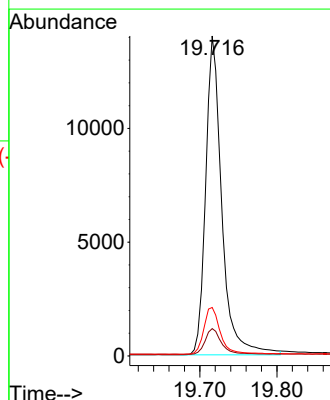
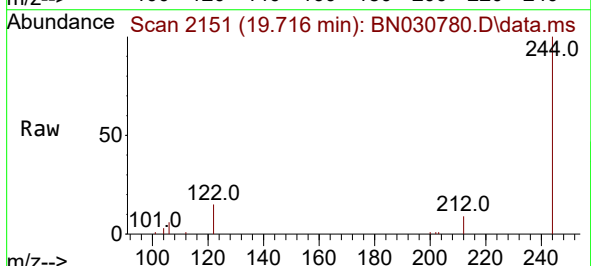
Tgt Ion:244 Resp: 20405

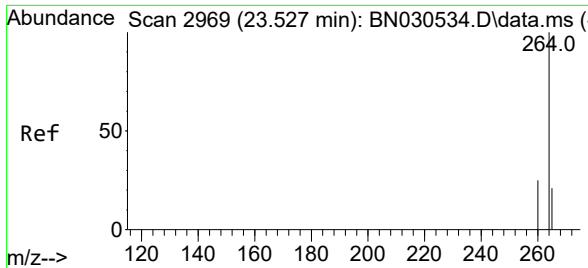
Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

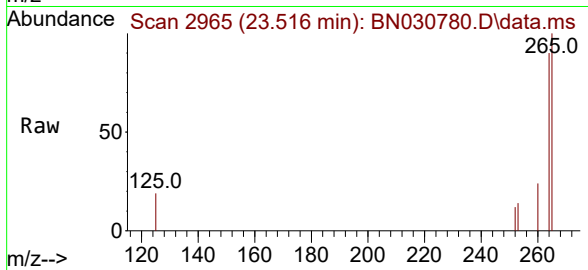
122 15.1 12.7 19.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 2965
Delta R.T. -0.012 min
Lab File: BN030780.D
Acq: 08 Apr 2024 22:02

Instrument :
BNA_N
ClientSampleId :
PB160073BL



Tgt Ion:264 Resp: 11607
Ion Ratio Lower Upper
264 100
260 26.8 20.6 30.8
265 110.8 41.8 62.8#

