

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
 Data File : BN020350.D
 Acq On : 22 Jun 2022 19:12
 Operator : CG/JU
 Sample : N3387-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20220616

Quant Time: Jun 23 02:50:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 15:57:15 2022
 Response via : Initial Calibration

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

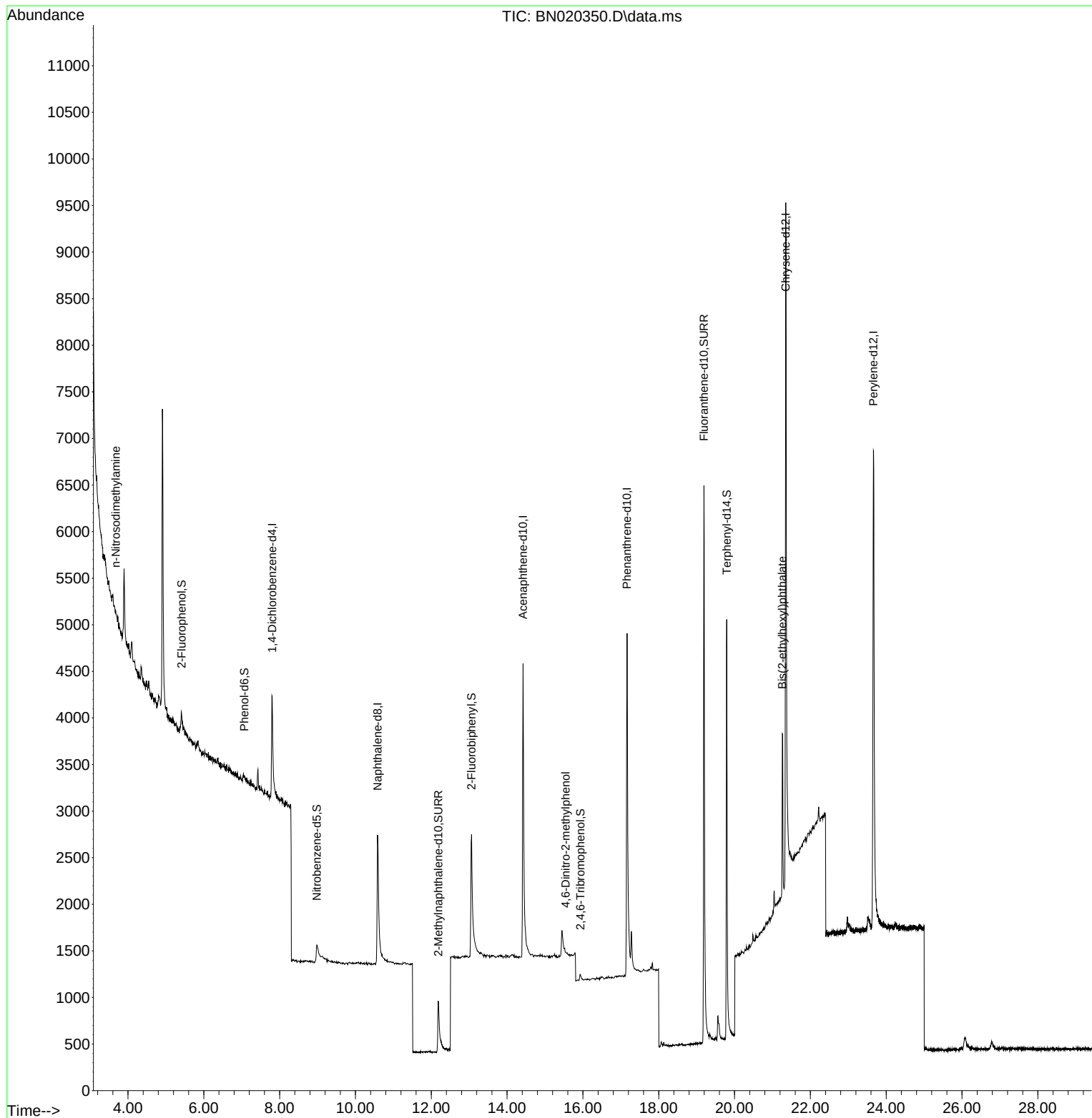
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	933	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	3201	0.400	ng	# 0.00
13) Acenaphthene-d10	14.420	164	2820	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	7986	0.400	ng	# 0.00
29) Chrysene-d12	21.351	240	9246	0.400	ng	0.00
35) Perylene-d12	23.665	264	9194	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	303	0.111	ng	0.00
5) Phenol-d6	7.067	99	119	0.034	ng	0.06
8) Nitrobenzene-d5	8.982	82	428	0.192	ng	0.02
11) 2-Methylnaphthalene-d10	12.185	152	1627	0.273	ng	0.01
14) 2,4,6-Tribromophenol	15.933	330	58	0.043	ng	0.02
15) 2-Fluorobiphenyl	13.063	172	2165	0.215	ng	0.01
27) Fluoranthene-d10	19.194	212	8499	0.304	ng	0.00
31) Terphenyl-d14	19.792	244	6619	0.359	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.680	42	40	0.041	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.543	198	2	0.115	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.261	149	2003	0.132	ng	97

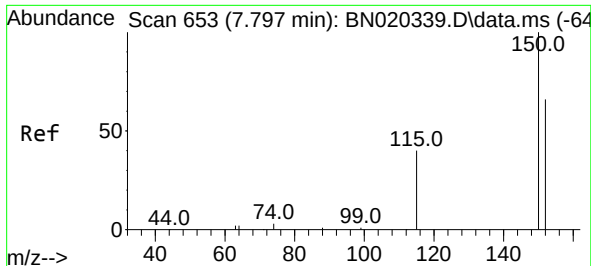
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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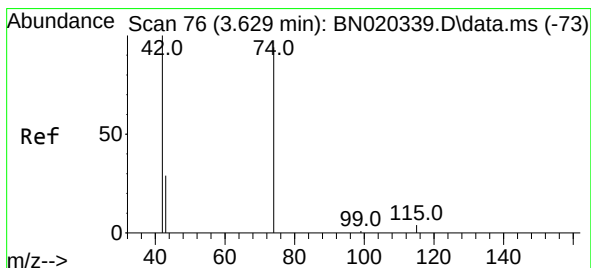
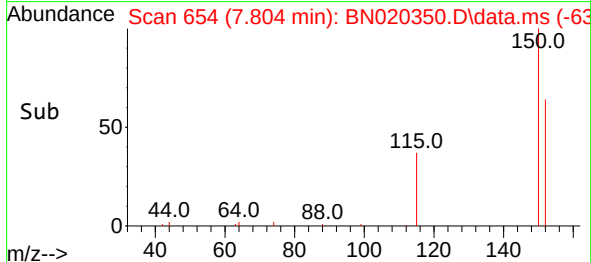
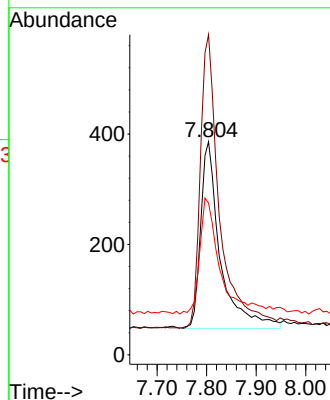
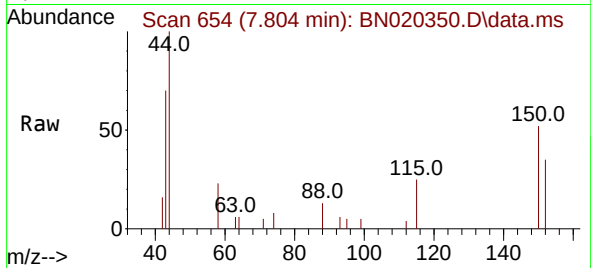




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

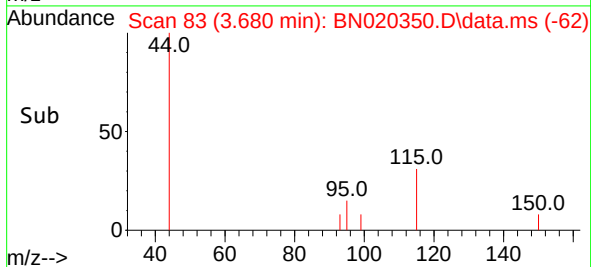
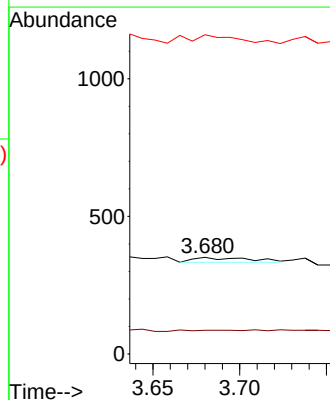
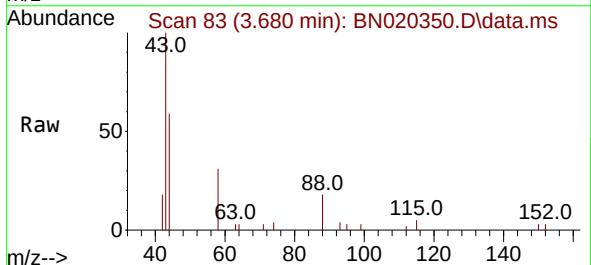
Instrument :
BNA_N
ClientSampleId :
SP-201-20220616

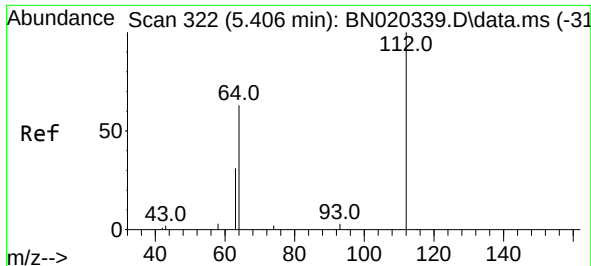
Tgt Ion:152 Resp: 933
Ion Ratio Lower Upper
152 100
150 150.3 127.9 191.9
115 71.2 51.4 77.2



#3
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.680 min Scan# 83
Delta R.T. 0.051 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
74 25.0 84.0 126.0#
44 157.5 9.8 14.8#

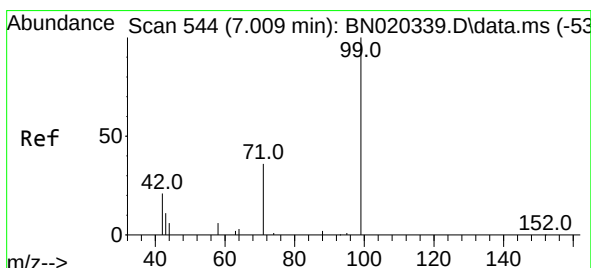
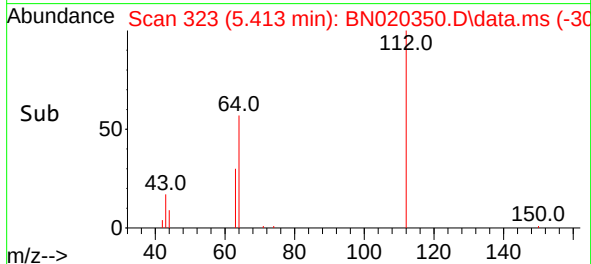
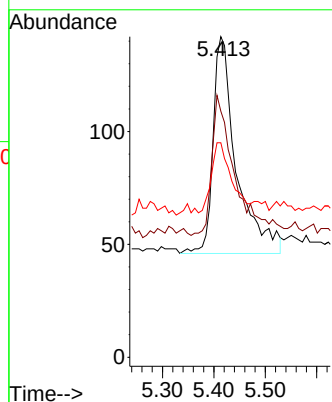
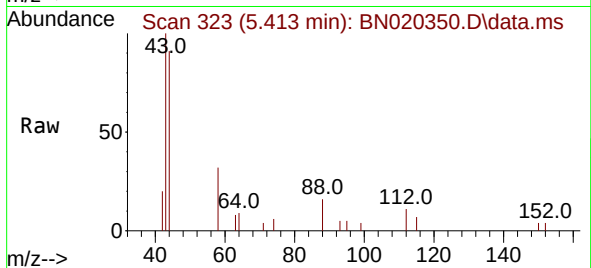




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.413 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

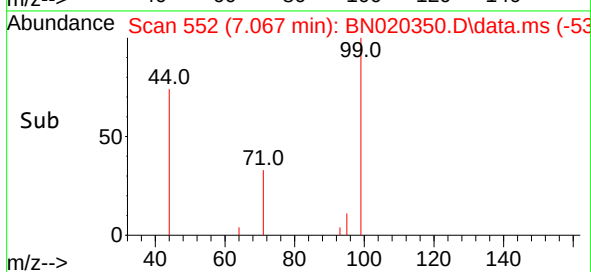
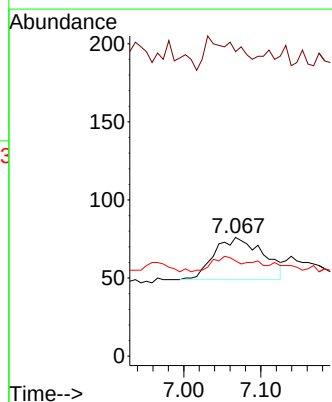
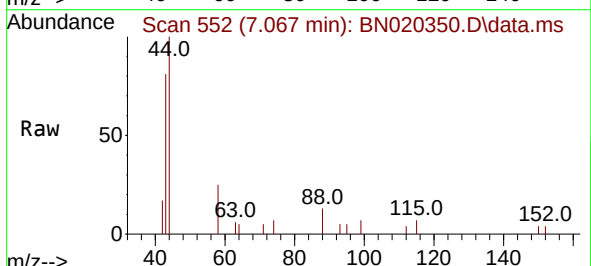
Instrument :
BNA_N
ClientSampleId :
SP-201-20220616

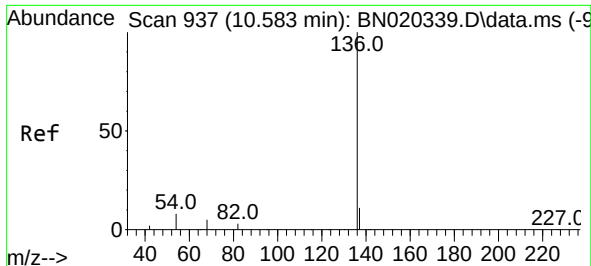
Tgt Ion:112 Resp: 303
Ion Ratio Lower Upper
112 100
64 63.4 49.1 73.7
63 27.7 26.3 39.5



#5
Phenol-d6
Concen: 0.034 ng
RT: 7.067 min Scan# 552
Delta R.T. 0.058 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

Tgt Ion: 99 Resp: 119
Ion Ratio Lower Upper
99 100
42 0.0 19.3 28.9#
71 18.5 27.5 41.3#

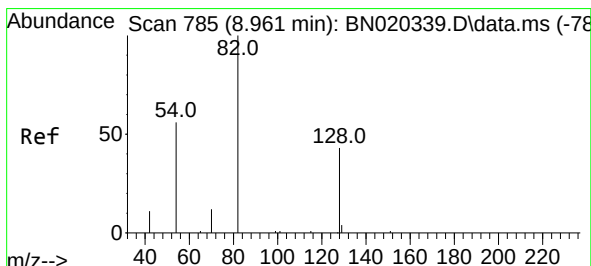
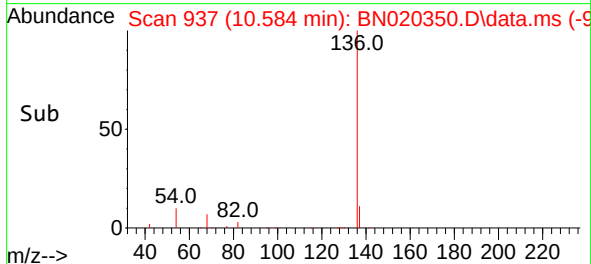
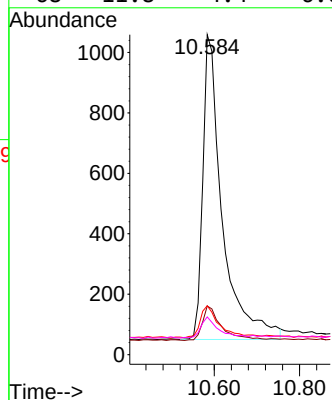
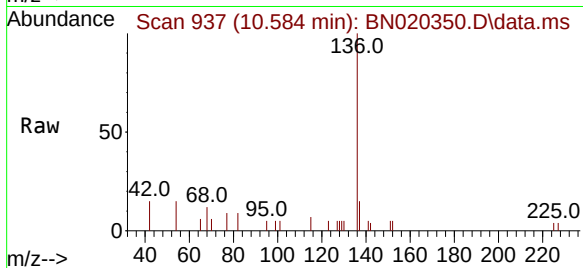




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

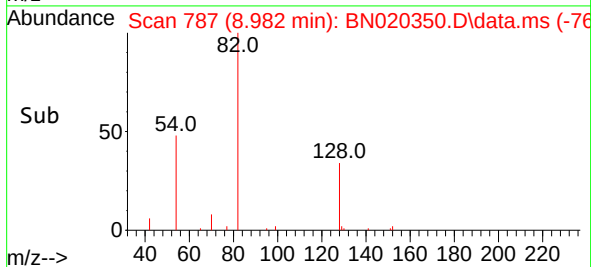
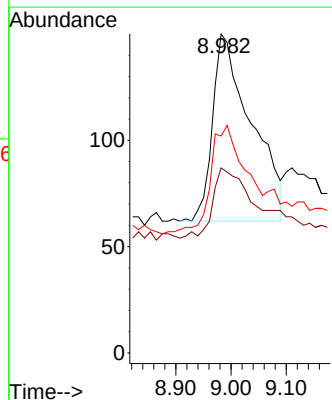
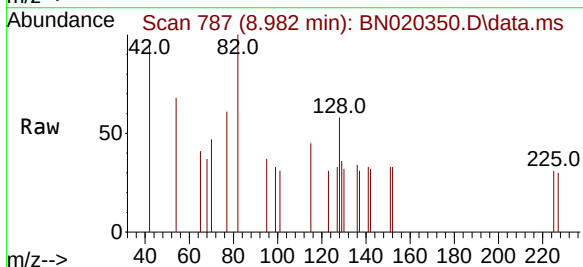
Instrument :
BNA_N
ClientSampleId :
SP-201-20220616

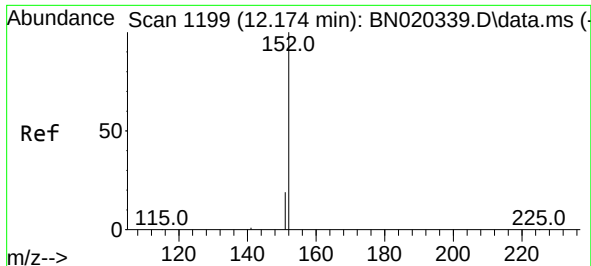
Tgt Ion:	136	Resp:	3201
Ion	Ratio	Lower	Upper
136	100		
137	15.2	9.0	13.6#
54	15.3	6.2	9.2#
68	11.8	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.192 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.021 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

Tgt Ion:	82	Resp:	428
Ion	Ratio	Lower	Upper
82	100		
128	58.0	35.0	52.6#
54	68.0	46.2	69.4

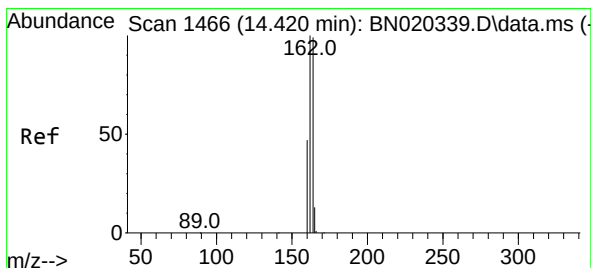
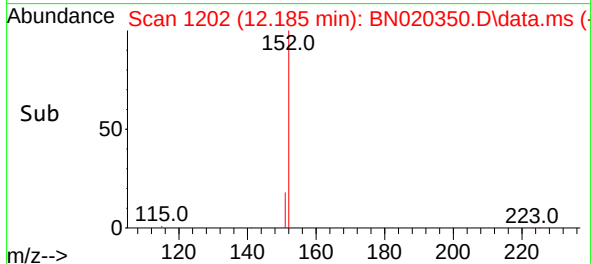
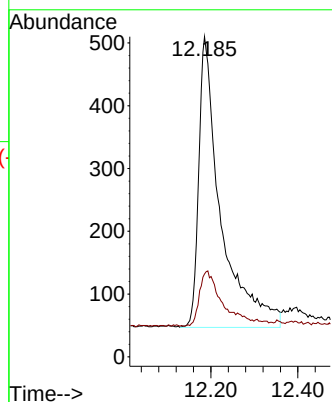
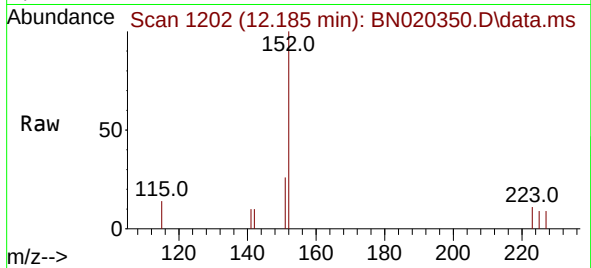




#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.185 min Scan# 1199
Delta R.T. 0.011 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

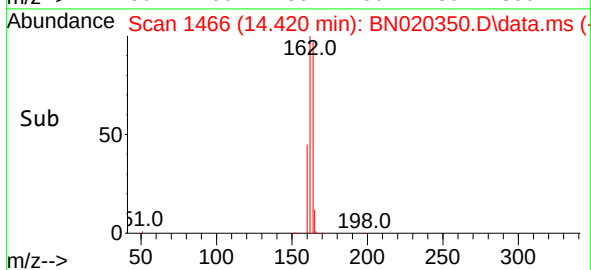
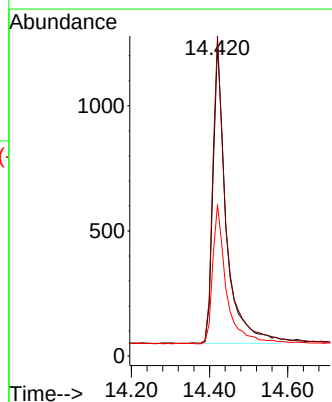
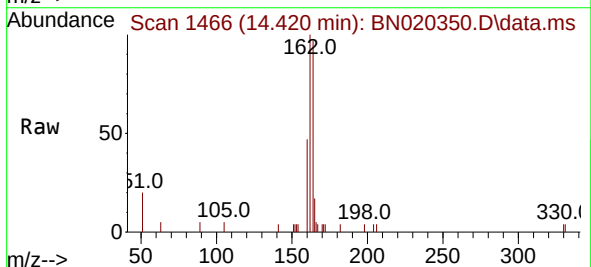
Instrument :
BNA_N
ClientSampleId :
SP-201-20220616

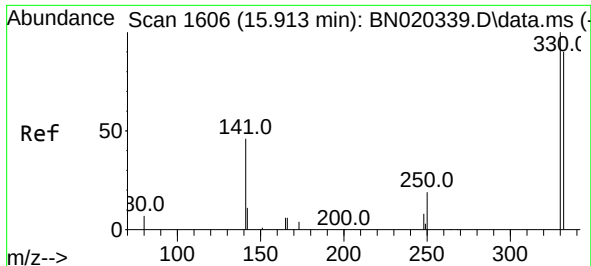
Tgt Ion:152 Resp: 1627
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

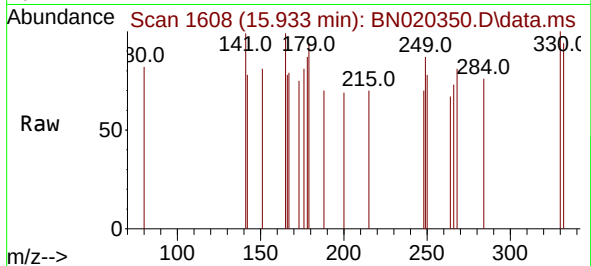
Tgt Ion:164 Resp: 2820
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 48.6 38.6 58.0



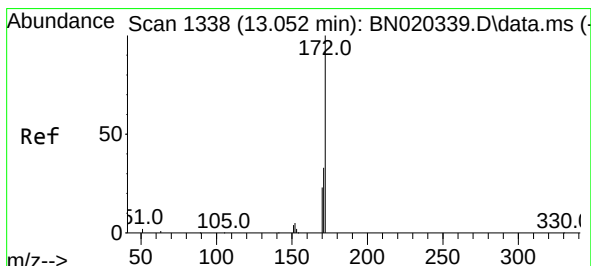
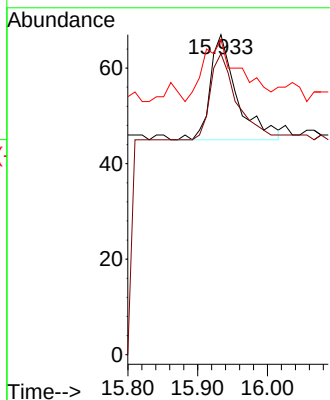
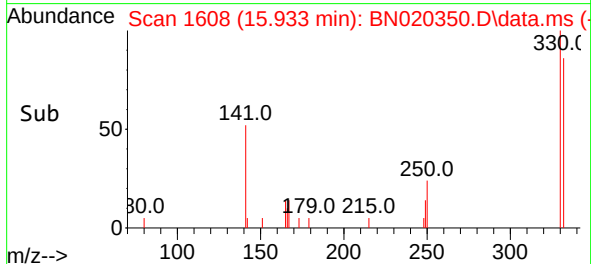


#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 15.933 min Scan# 1608
Delta R.T. 0.021 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

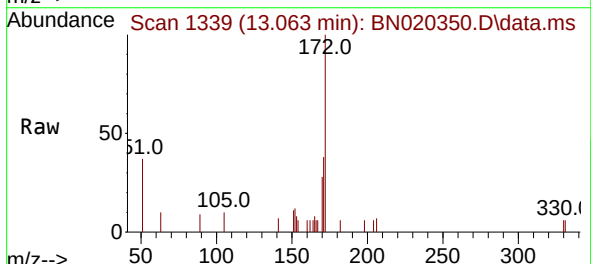
Instrument :
BNA_N
ClientSampleId :
SP-201-20220616



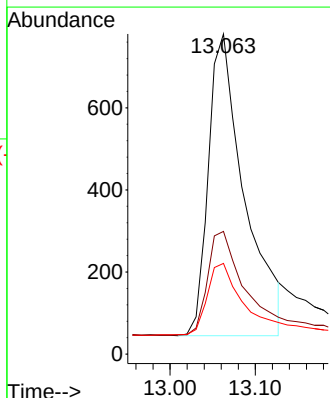
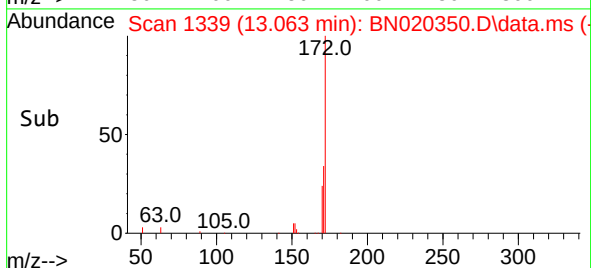
Tgt Ion: 330 Resp: 58
Ion Ratio Lower Upper
330 100
332 82.8 77.6 116.4
141 81.0 41.0 61.4#

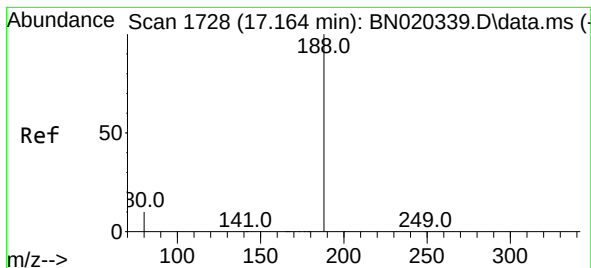


#15
2-Fluorobiphenyl
Concen: 0.215 ng
RT: 13.063 min Scan# 1339
Delta R.T. 0.011 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12



Tgt Ion: 172 Resp: 2165
Ion Ratio Lower Upper
172 100
171 38.3 27.2 40.8
170 28.3 18.2 27.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.164 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN020350.D

Acq: 22 Jun 2022 19:12

Instrument :

BNA_N

ClientSampleId :

SP-201-20220616

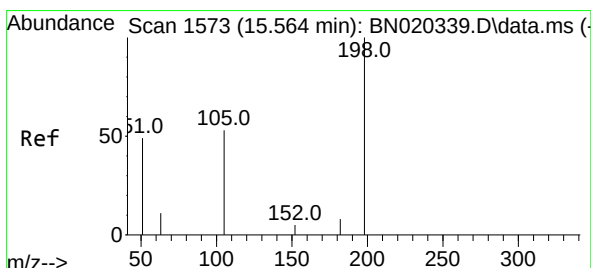
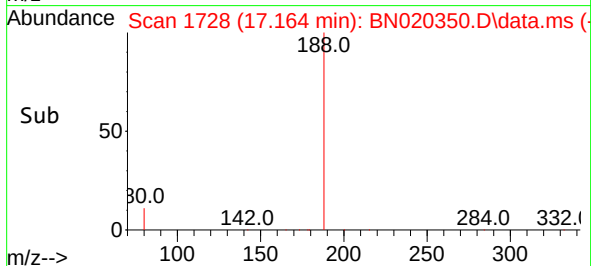
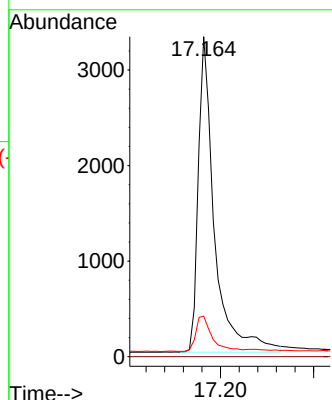
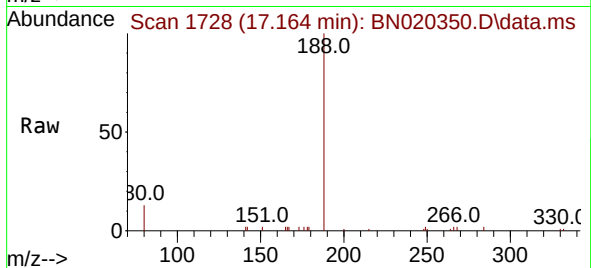
Tgt Ion:188 Resp: 7986

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 7.4 11.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.543 min Scan# 1571

Delta R.T. -0.021 min

Lab File: BN020350.D

Acq: 22 Jun 2022 19:12

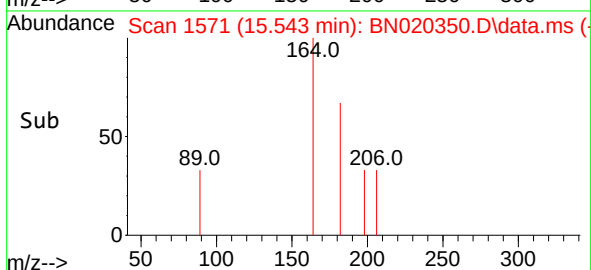
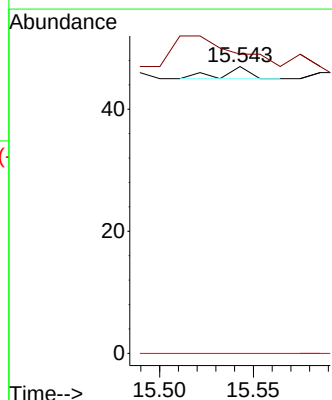
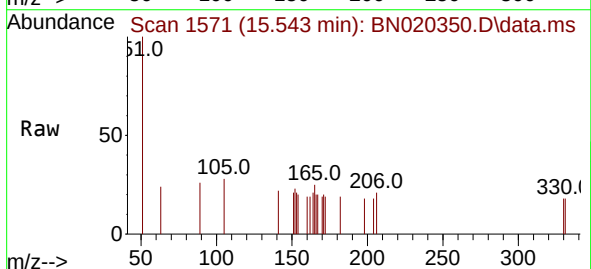
Tgt Ion:198 Resp: 2

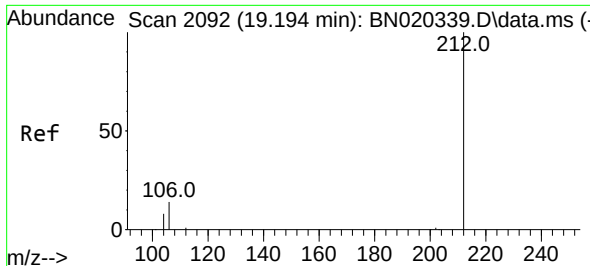
Ion Ratio Lower Upper

198 100

182 104.3 12.1 18.1#

77 0.0 0.0 0.0

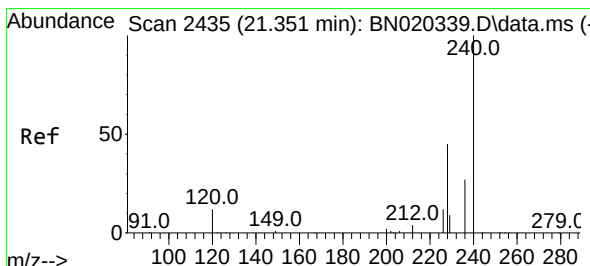
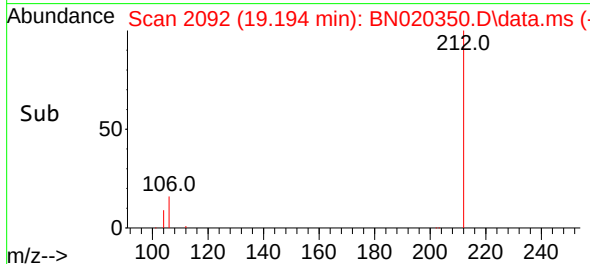
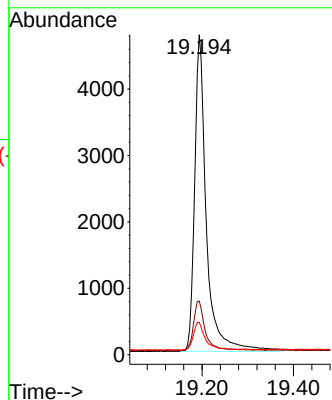
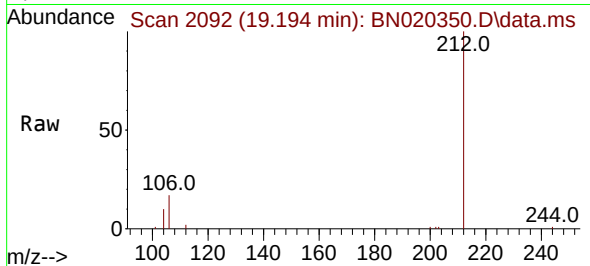




#27
Fluoranthene-d10
Concen: 0.304 ng
RT: 19.194 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

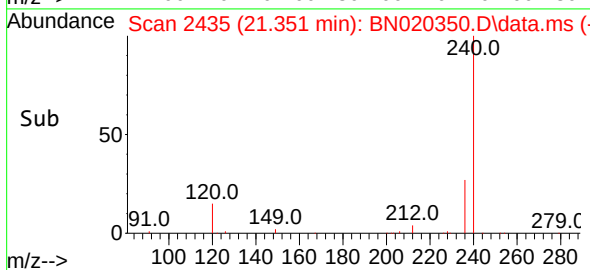
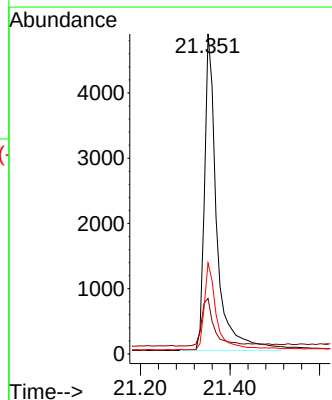
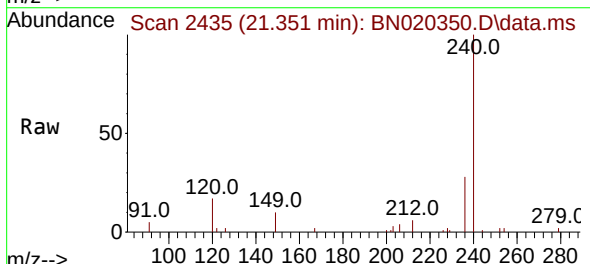
Instrument :
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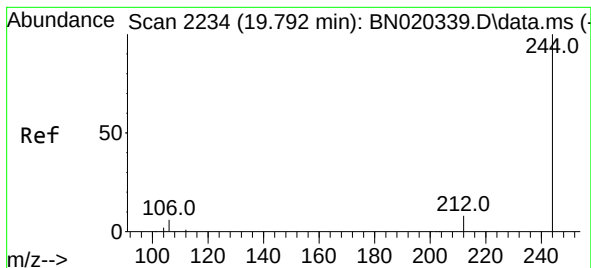
Tgt Ion:212 Resp: 8499
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.0 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.351 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN020350.D
Acq: 22 Jun 2022 19:12

Tgt Ion:240 Resp: 9246
Ion Ratio Lower Upper
240 100
120 17.4 14.6 21.8
236 28.4 22.6 33.8





#31

Terphenyl-d14

Concen: 0.359 ng

RT: 19.792 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN020350.D

Acq: 22 Jun 2022 19:12

Instrument :

BNA_N

ClientSampleId :

SP-201-20220616

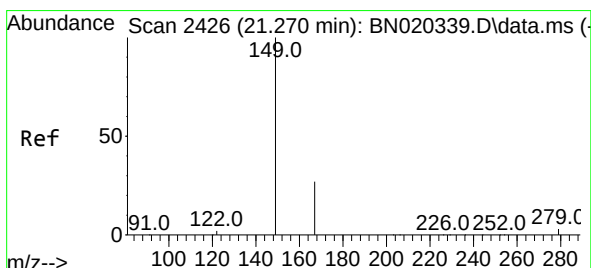
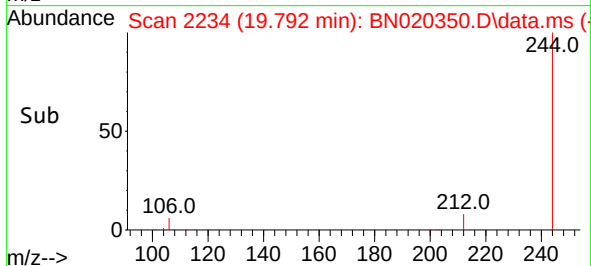
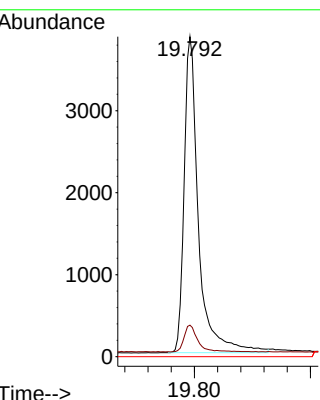
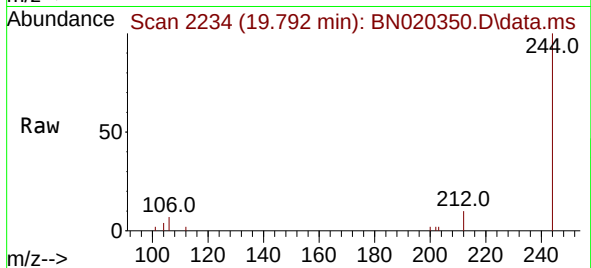
Tgt Ion:244 Resp: 6619

Ion Ratio Lower Upper

244 100

212 9.9 7.1 10.7

122 0.0 0.0 0.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.132 ng

RT: 21.261 min Scan# 2425

Delta R.T. -0.009 min

Lab File: BN020350.D

Acq: 22 Jun 2022 19:12

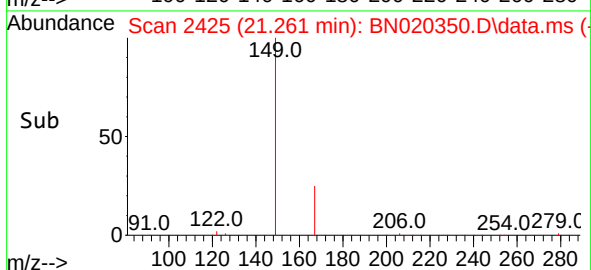
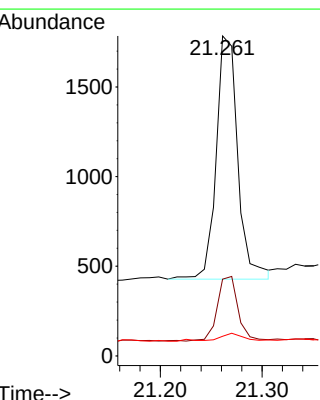
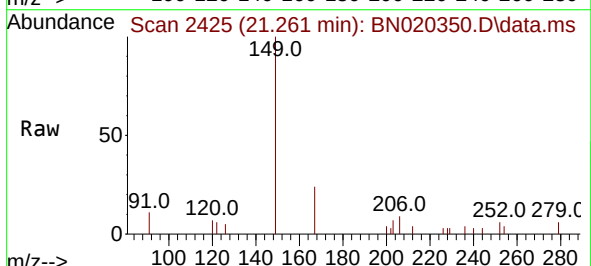
Tgt Ion:149 Resp: 2003

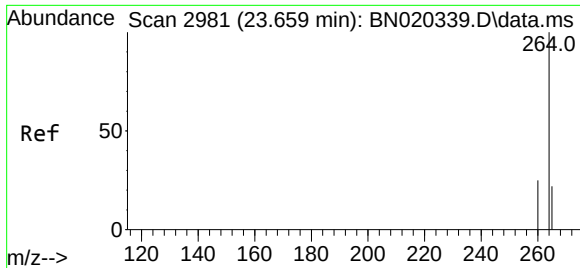
Ion Ratio Lower Upper

149 100

167 25.6 21.7 32.5

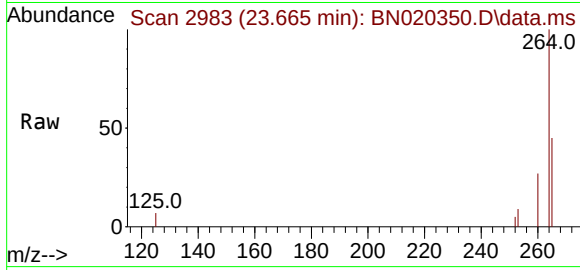
279 2.9 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.665 min Scan# 2983
 Delta R.T. 0.006 min
 Lab File: BN020350.D
 Acq: 22 Jun 2022 19:12

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20220616



Tgt Ion:264 Resp: 9194

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.9	31.3
265	45.3	28.0	42.0

