

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034235.D
 Acq On : 25 Sep 2024 21:22
 Operator : RC/JU
 Sample : P4164-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20240919

Quant Time: Sep 26 04:31:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 03:57:12 2024
 Response via : Initial Calibration

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

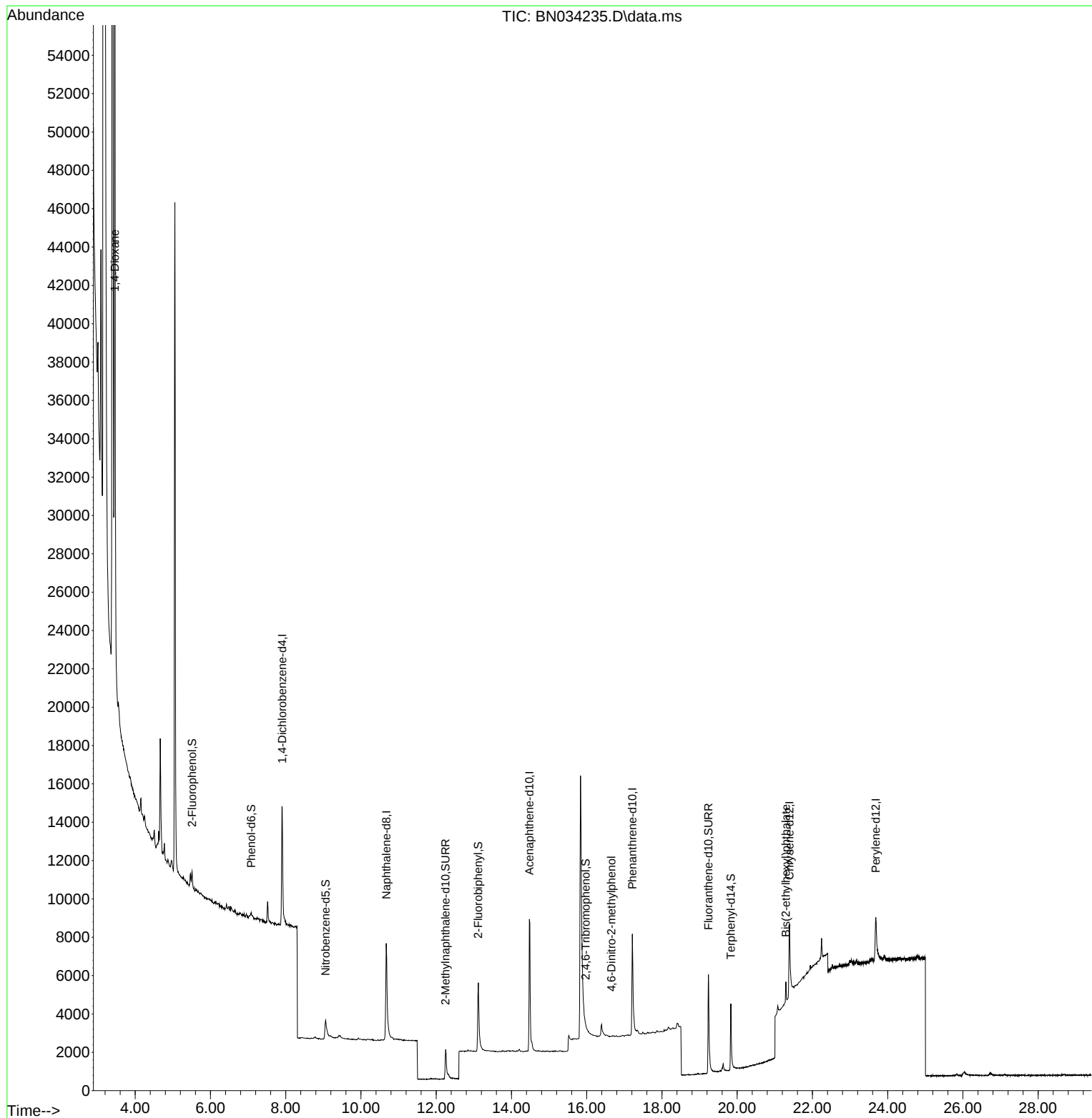
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	3452	0.400	ng	-0.06
7) Naphthalene-d8	10.671	136	10433	0.400	ng	#-0.07
13) Acenaphthene-d10	14.475	164	5460	0.400	ng	-0.07
19) Phenanthrene-d10	17.213	188	10513	0.400	ng	#-0.07
29) Chrysene-d12	21.391	240	5967	0.400	ng	#-0.05
35) Perylene-d12	23.684	264	4928	0.400	ng	#-0.08
System Monitoring Compounds						
4) 2-Fluorophenol	5.509	112	796	0.081	ng	-0.06
5) Phenol-d6	7.084	99	373	0.033	ng	-0.06
8) Nitrobenzene-d5	9.059	82	1763	0.221	ng	-0.06
11) 2-Methylnaphthalene-d10	12.249	152	3426	0.222	ng	-0.08
14) 2,4,6-Tribromophenol	15.971	330	86	0.035	ng	-0.06
15) 2-Fluorobiphenyl	13.117	172	5268	0.237	ng	-0.07
27) Fluoranthene-d10	19.236	212	7494	0.283	ng	-0.06
31) Terphenyl-d14	19.831	244	4925	0.413	ng	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	29754	6.894	ng	# 89
20) 4,6-Dinitro-2-methylph...	16.654	198	3	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.292	149	1124	0.143	ng	# 95

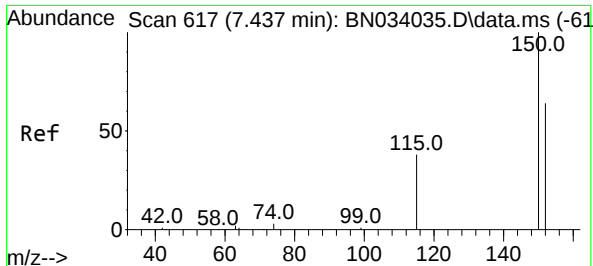
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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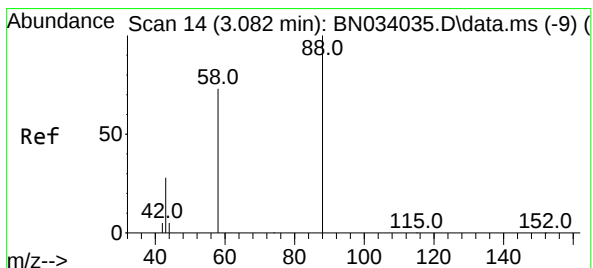
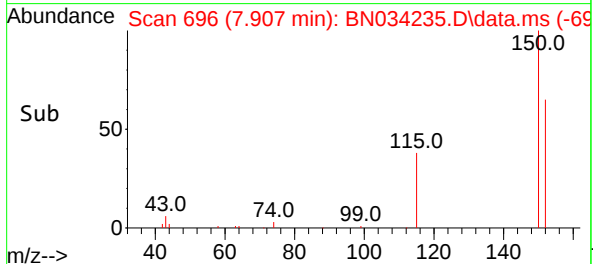
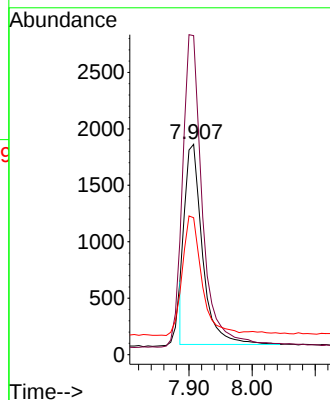
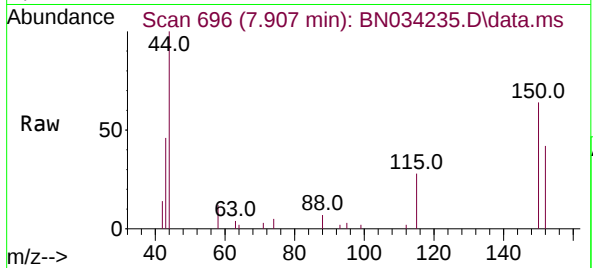




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.907 min Scan# 61
Delta R.T. -0.065 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

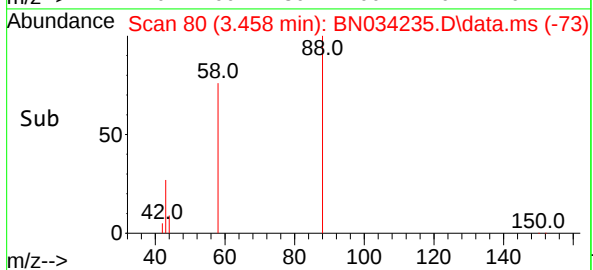
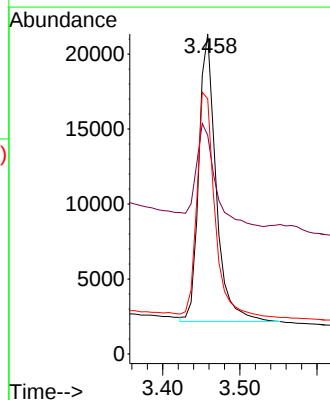
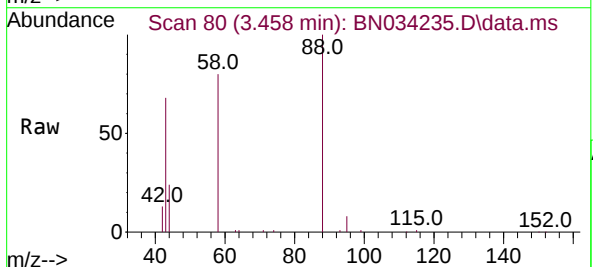
Instrument :
BNA_N
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RE134D3-20240919

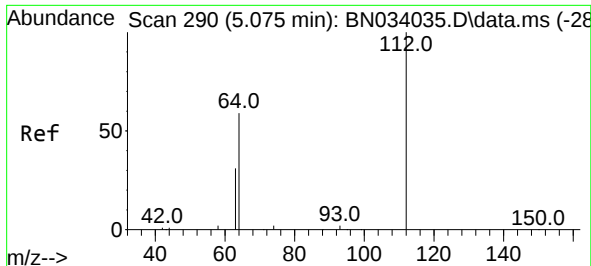
Tgt Ion:152 Resp: 3452
Ion Ratio Lower Upper
152 100
150 151.6 124.6 187.0
115 65.1 50.0 75.0



#2
1,4-Dioxane
Concen: 6.894 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.050 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

Tgt Ion: 88 Resp: 29754
Ion Ratio Lower Upper
88 100
43 39.2 25.8 38.8#
58 82.0 58.8 88.2





#4

2-Fluorophenol

Concen: 0.081 ng

RT: 5.509 min Scan# 30

Delta R.T. -0.065 min

Lab File: BN034235.D

Acq: 25 Sep 2024 21:22

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240919

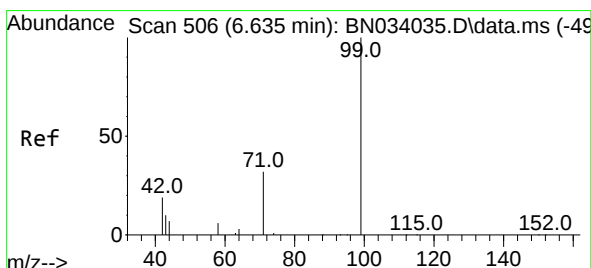
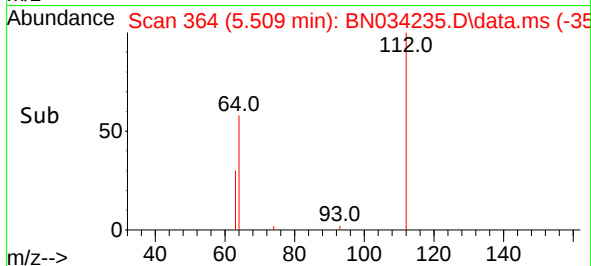
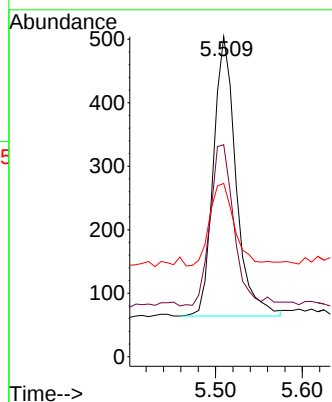
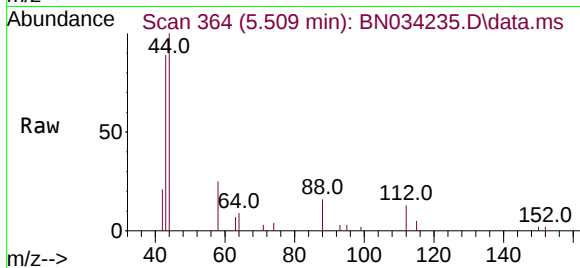
Tgt Ion:112 Resp: 796

Ion Ratio Lower Upper

112 100

64 62.2 48.6 72.8

63 33.9 25.6 38.4



#5

Phenol-d6

Concen: 0.033 ng

RT: 7.084 min Scan# 582

Delta R.T. -0.065 min

Lab File: BN034235.D

Acq: 25 Sep 2024 21:22

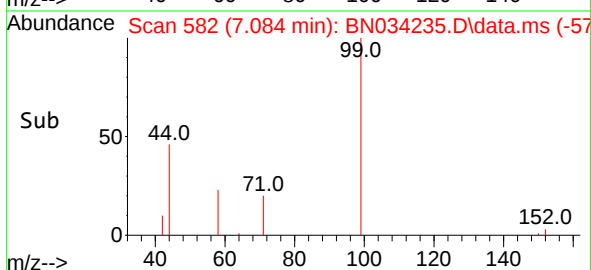
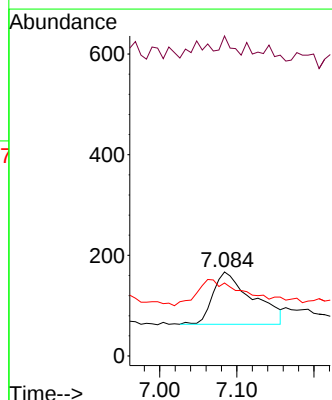
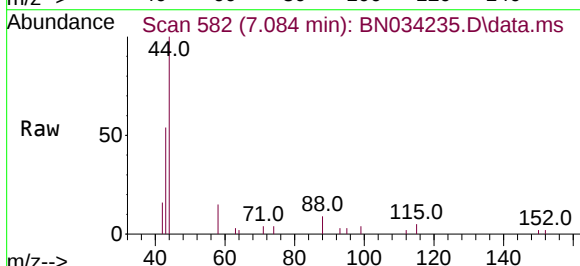
Tgt Ion: 99 Resp: 373

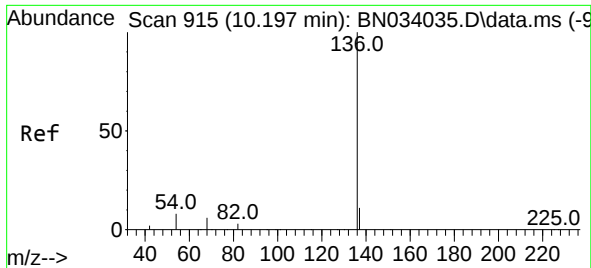
Ion Ratio Lower Upper

99 100

42 13.7 17.8 26.8#

71 0.0 26.2 39.2#

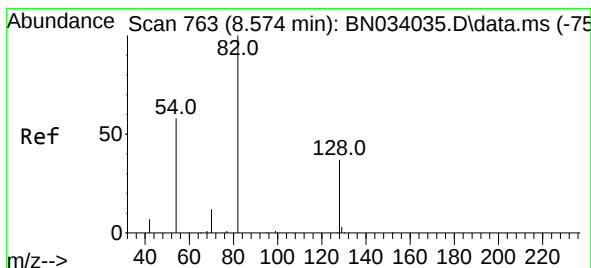
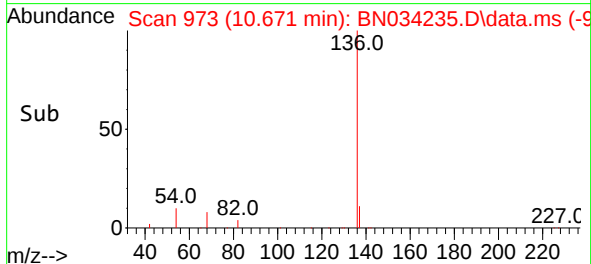
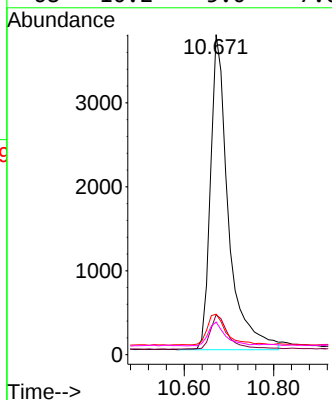
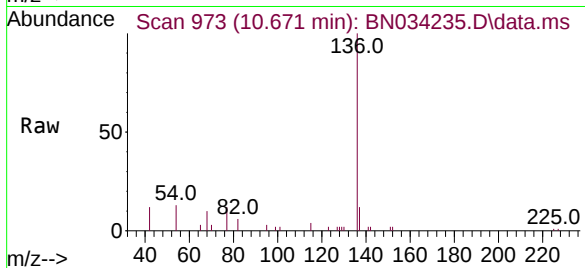




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.671 min Scan# 915
Delta R.T. -0.075 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

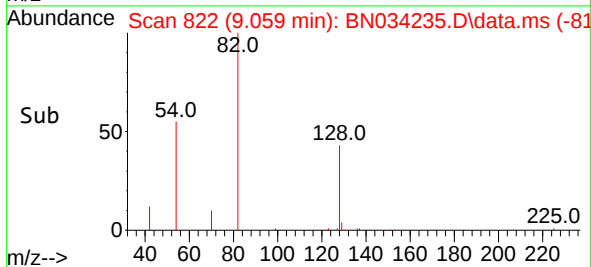
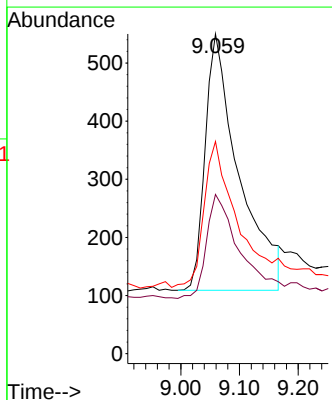
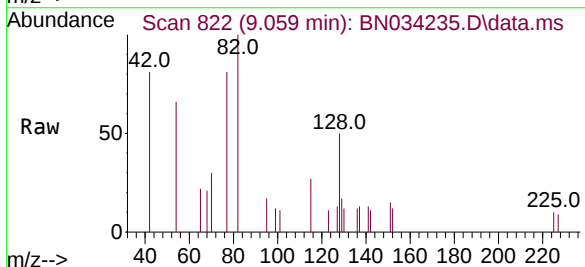
Instrument :
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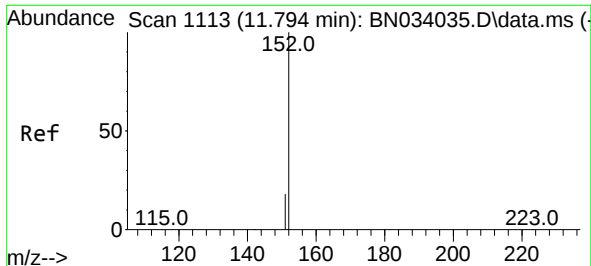
Tgt Ion:	136	Resp:	10433
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.6
54	12.6	6.8	10.2#
68	10.2	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 9.059 min Scan# 822
Delta R.T. -0.064 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

Tgt Ion:	82	Resp:	1763
Ion	Ratio	Lower	Upper
82	100		
128	49.8	31.4	47.2#
54	66.4	47.4	71.0

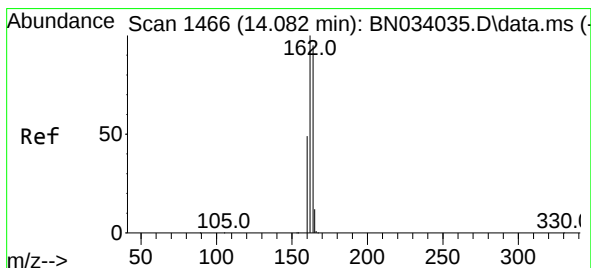
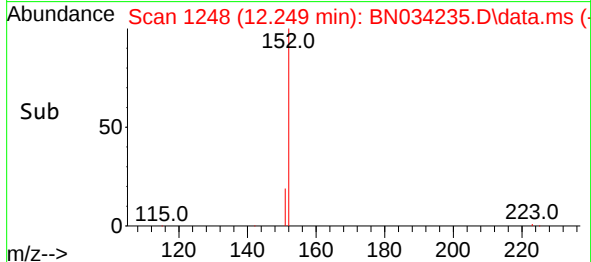
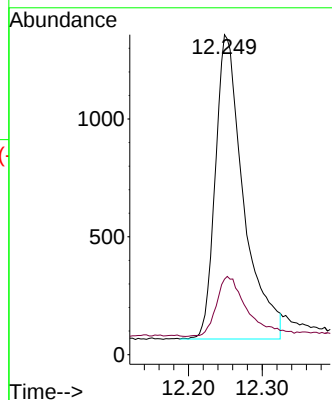
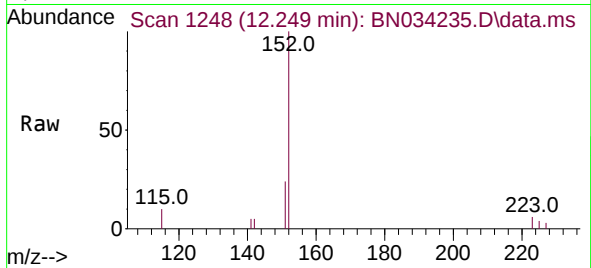




#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.249 min Scan# 1517
Delta R.T. -0.076 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

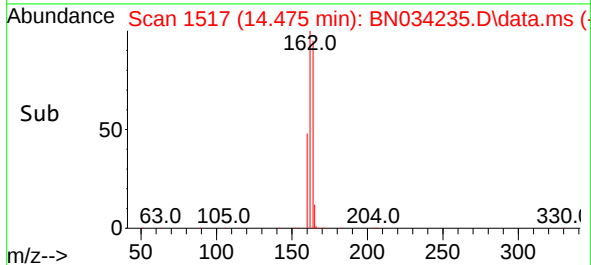
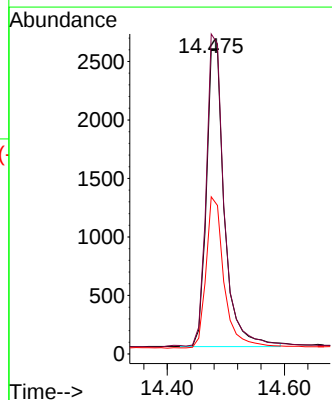
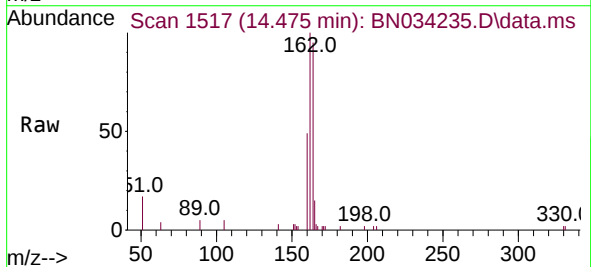
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

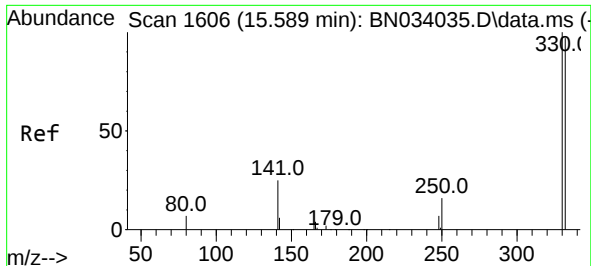
Tgt Ion:152 Resp: 3426
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.475 min Scan# 1517
Delta R.T. -0.068 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

Tgt Ion:164 Resp: 5460
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.2
160 51.8 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.035 ng

RT: 15.971 min Scan# 1

Delta R.T. -0.055 min

Lab File: BN034235.D

Acq: 25 Sep 2024 21:22

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240919

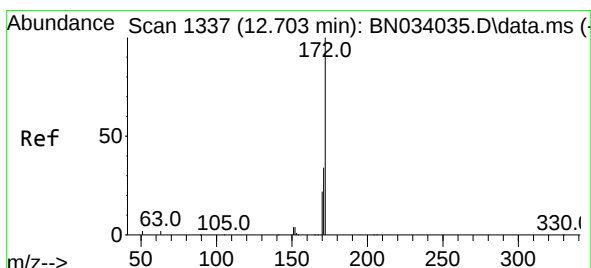
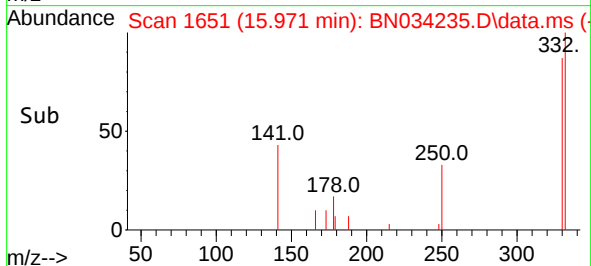
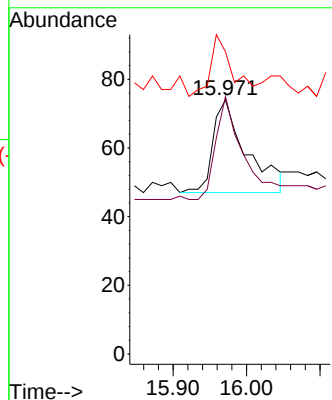
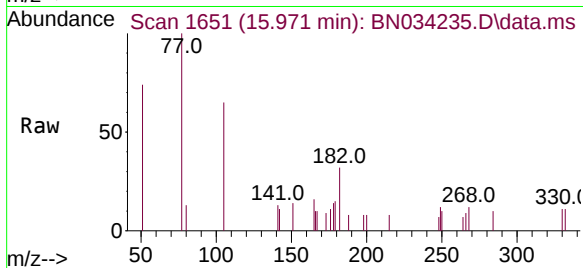
Tgt Ion:330 Resp: 86

Ion Ratio Lower Upper

330 100

332 91.9 77.4 116.0

141 41.9 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.237 ng

RT: 13.117 min Scan# 1390

Delta R.T. -0.068 min

Lab File: BN034235.D

Acq: 25 Sep 2024 21:22

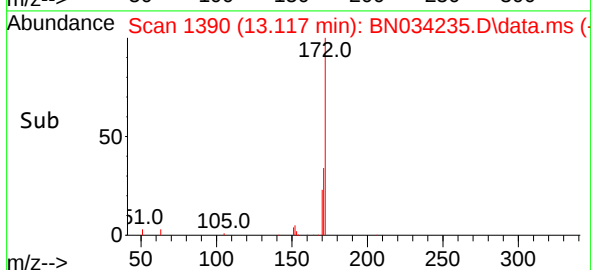
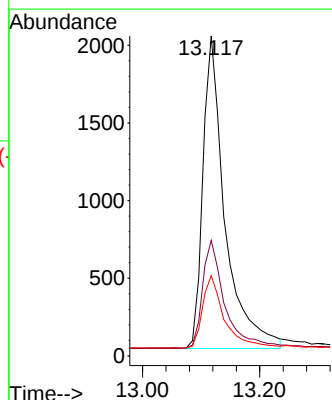
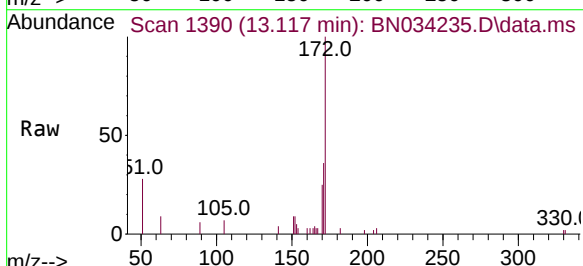
Tgt Ion:172 Resp: 5268

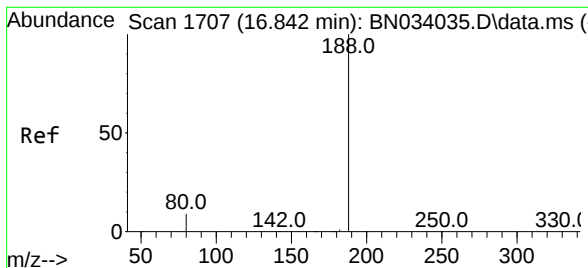
Ion Ratio Lower Upper

172 100

171 36.1 27.3 40.9

170 25.1 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.213 min Scan# 1

Delta R.T. -0.067 min

Lab File: BN034235.D

Acq: 25 Sep 2024 21:22

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240919

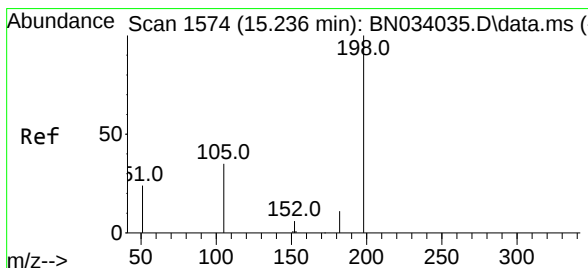
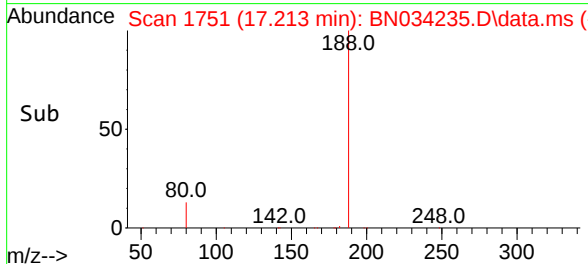
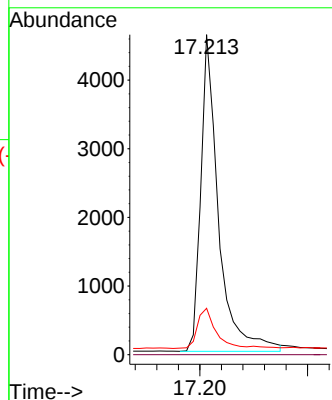
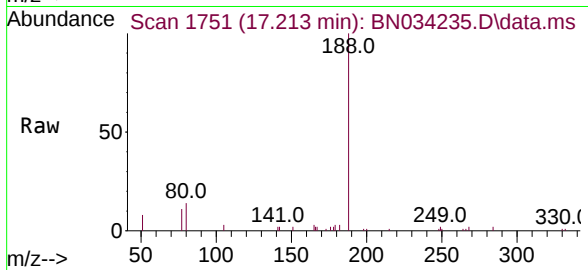
Tgt Ion:188 Resp: 10513

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.5 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.654 min Scan# 1706

Delta R.T. -0.092 min

Lab File: BN034235.D

Acq: 25 Sep 2024 21:22

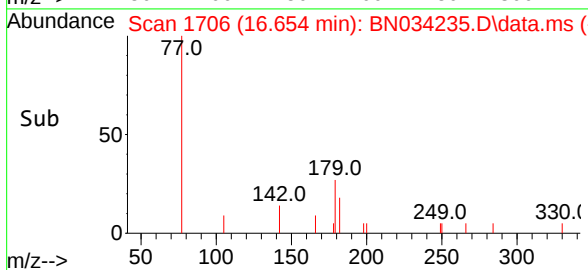
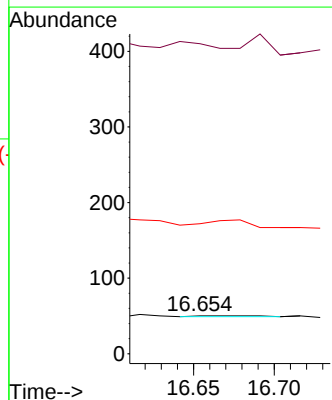
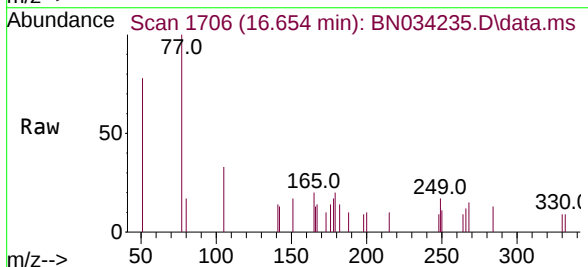
Tgt Ion:198 Resp: 3

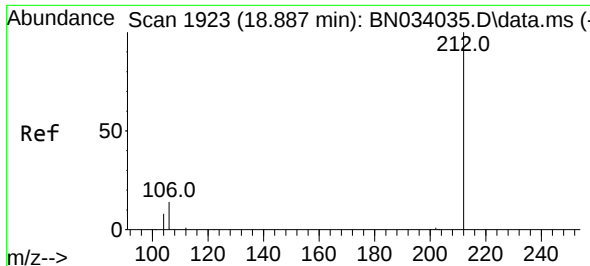
Ion Ratio Lower Upper

198 100

51 820.0 106.4 159.6#

105 344.0 38.5 57.7#

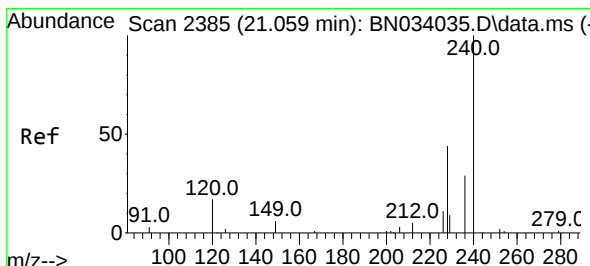
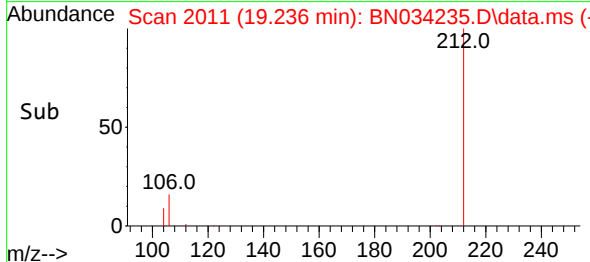
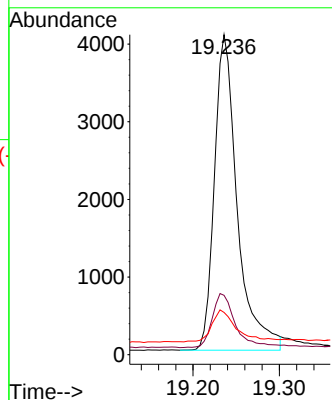
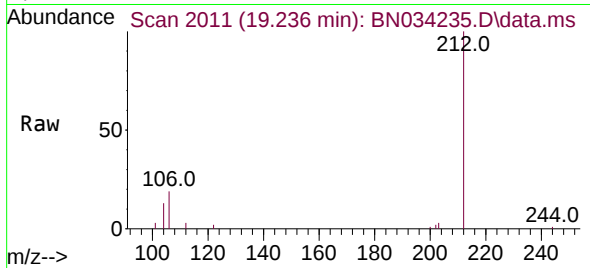




#27
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.236 min Scan# 2011
Delta R.T. -0.058 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

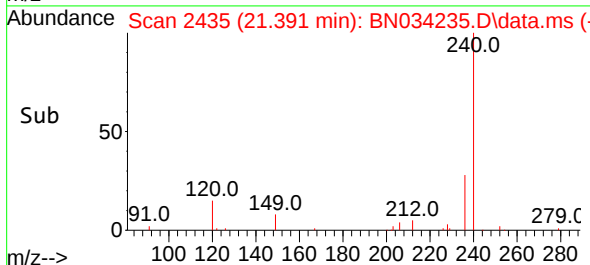
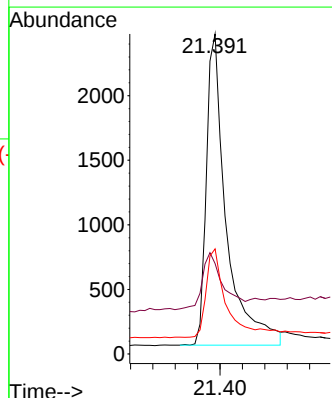
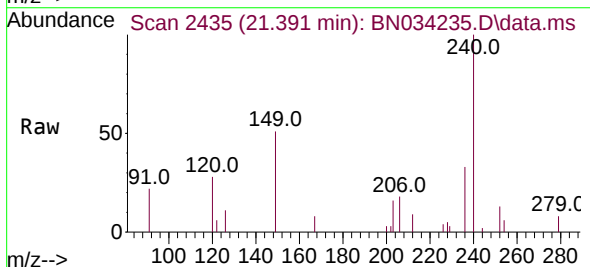
Instrument :
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RE134D3-20240919

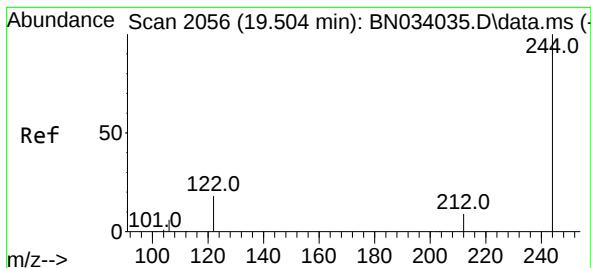
Tgt Ion:	212	Resp:	7494
Ion Ratio	Lower	Upper	
212	100		
106	17.4	13.4	20.2
104	11.1	7.8	11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.391 min Scan# 2435
Delta R.T. -0.047 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

Tgt Ion:	240	Resp:	5967
Ion Ratio	Lower	Upper	
240	100		
120	28.2	13.5	20.3
236	32.8	23.4	35.0





#31

Terphenyl-d14

Concen: 0.413 ng

RT: 19.831 min Scan# 2139

Delta R.T. -0.058 min

Lab File: BN034235.D

Acq: 25 Sep 2024 21:22

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240919

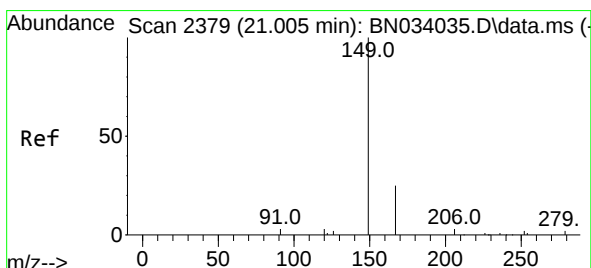
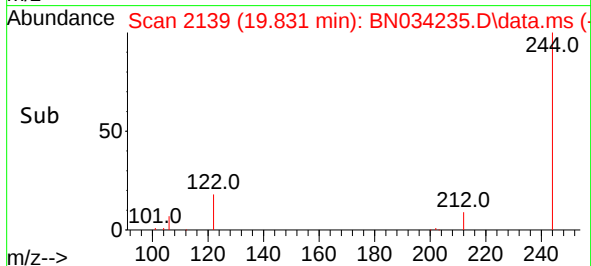
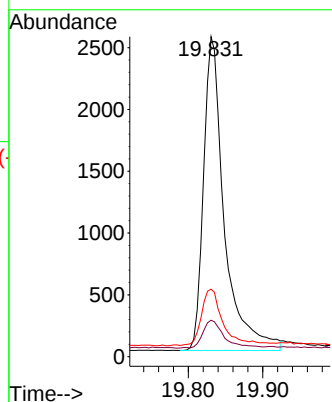
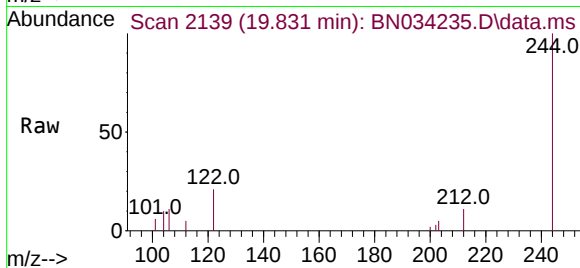
Tgt Ion:244 Resp: 4925

Ion Ratio Lower Upper

244 100

212 11.4 7.8 11.6

122 21.1 14.8 22.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.143 ng

RT: 21.292 min Scan# 2424

Delta R.T. -0.047 min

Lab File: BN034235.D

Acq: 25 Sep 2024 21:22

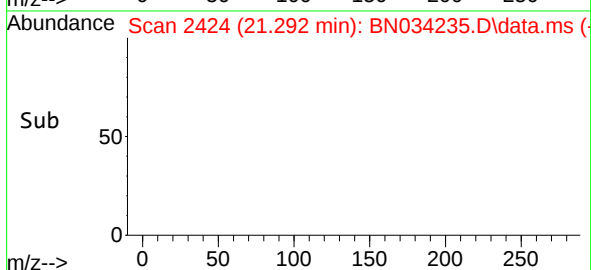
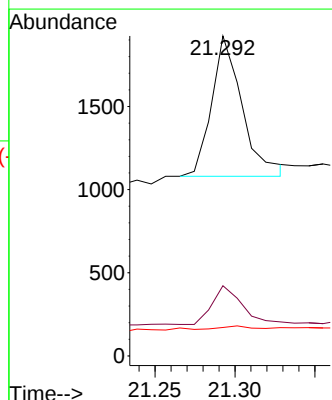
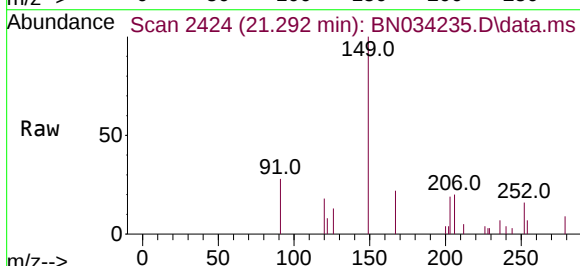
Tgt Ion:149 Resp: 1124

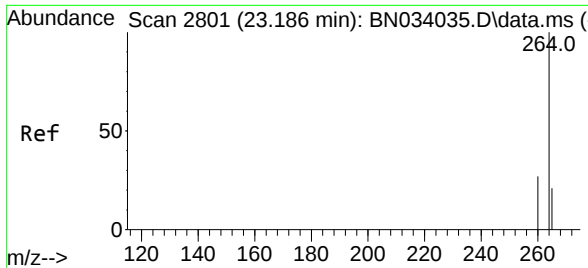
Ion Ratio Lower Upper

149 100

167 27.1 19.9 29.9

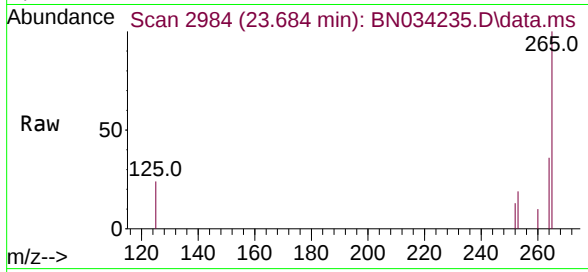
279 3.9 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.684 min Scan# 2984
Delta R.T. -0.084 min
Lab File: BN034235.D
Acq: 25 Sep 2024 21:22

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919



Tgt Ion:264 Resp: 4928

Ion	Ratio	Lower	Upper
264	100		
260	28.5	21.7	32.5
265	274.6	52.1	78.1#

