

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035832.D
 Acq On : 24 Dec 2024 22:42
 Operator : RC/JU
 Sample : P5376-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241219

Quant Time: Dec 24 23:55:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

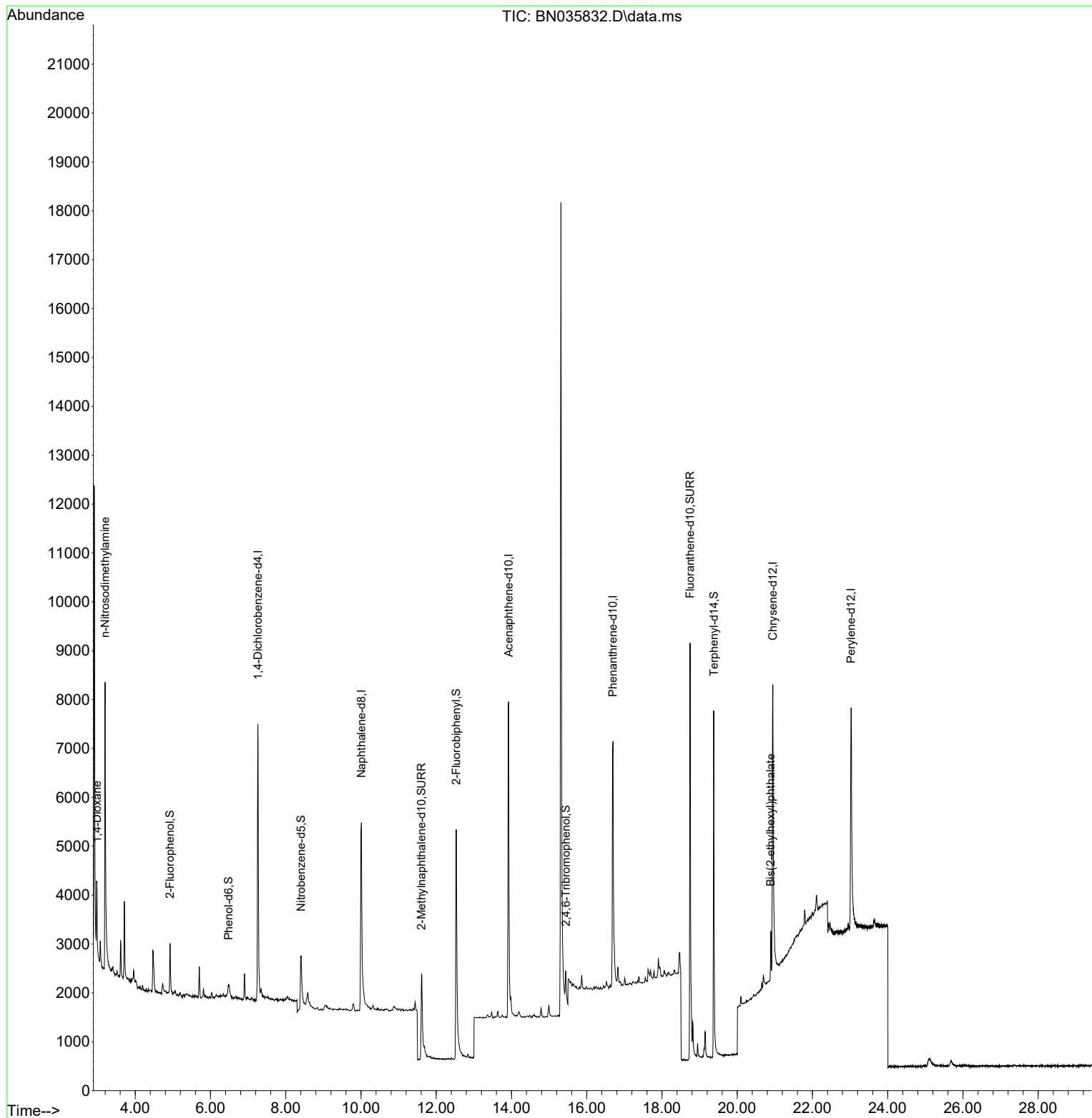
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3254	0.400	ng	-0.02
7) Naphthalene-d8	10.009	136	7657	0.400	ng	#-0.01
13) Acenaphthene-d10	13.924	164	4730	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	10059	0.400	ng	# 0.00
29) Chrysene-d12	20.946	240	8200	0.400	ng	# 0.00
35) Perylene-d12	23.026	264	8068	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	876	0.108	ng	-0.01
5) Phenol-d6	6.477	99	487	0.050	ng	-0.01
8) Nitrobenzene-d5	8.407	82	2010	0.430	ng	0.00
11) 2-Methylnaphthalene-d10	11.610	152	4177	0.349	ng	-0.01
14) 2,4,6-Tribromophenol	15.442	330	676	0.201	ng	-0.01
15) 2-Fluorobiphenyl	12.533	172	6680	0.374	ng	-0.01
27) Fluoranthene-d10	18.747	212	11690	0.410	ng	-0.01
31) Terphenyl-d14	19.379	244	8315	0.514	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.981	88	1184	0.381	ng	93
3) n-Nitrosodimethylamine	3.198	42	1521	0.587	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.893	149	955	0.084	ng	# 97

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

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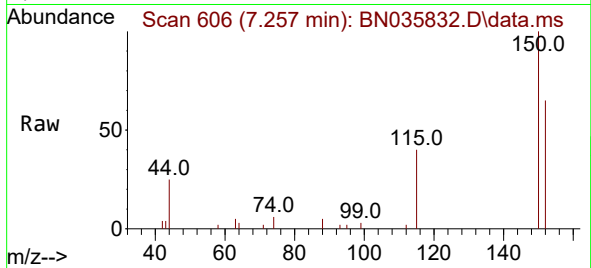
Quant Time: Dec 24 23:55:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



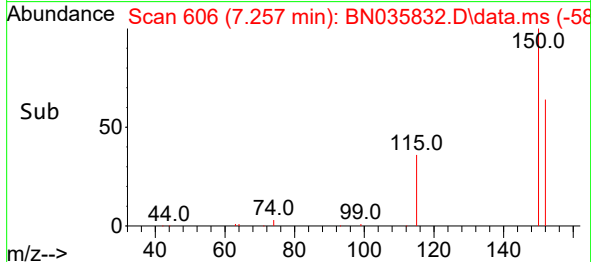
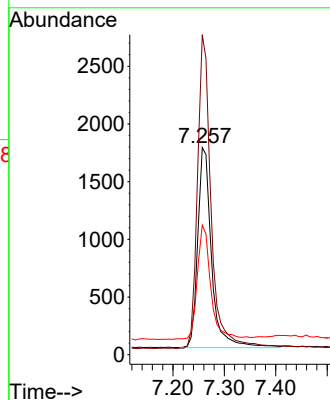


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035832.D
 Acq: 24 Dec 2024 22:42

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241219

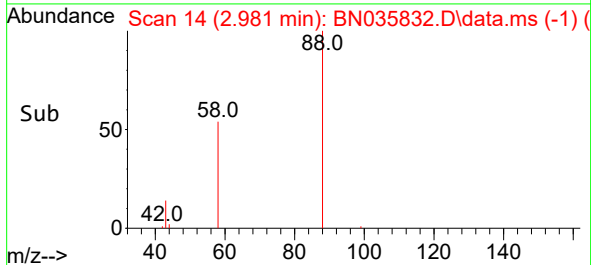
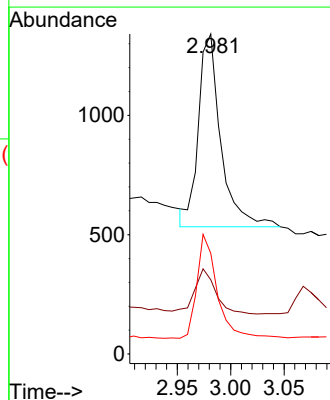
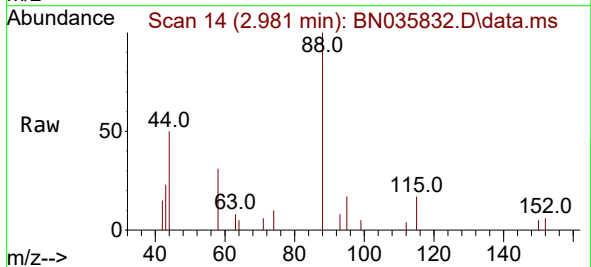


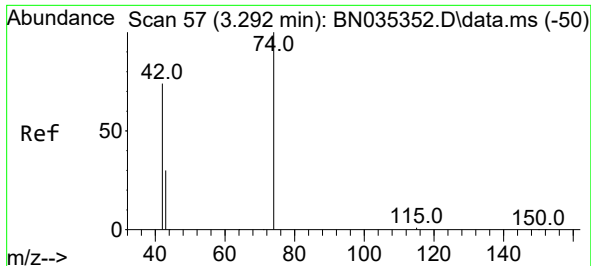
Tgt Ion:152 Resp: 3254
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.0 186.0
 115 62.6 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.381 ng
 RT: 2.981 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035832.D
 Acq: 24 Dec 2024 22:42

Tgt Ion: 88 Resp: 1184
 Ion Ratio Lower Upper
 88 100
 43 21.8 17.2 25.8
 58 48.6 44.5 66.7

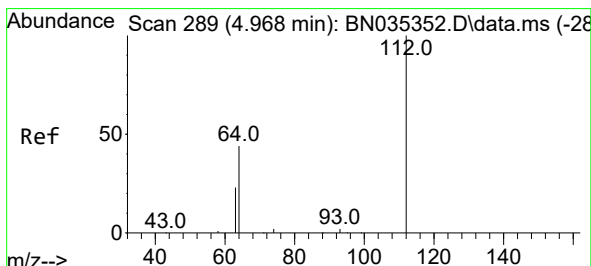
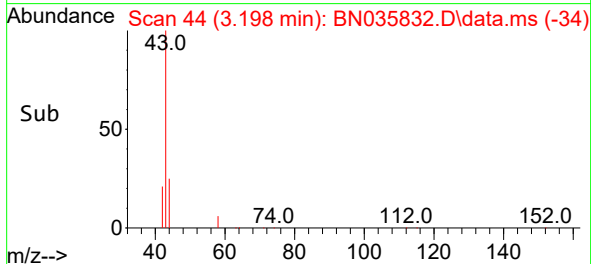
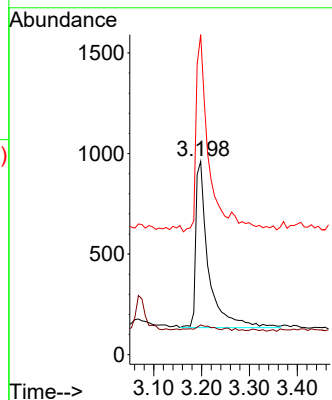
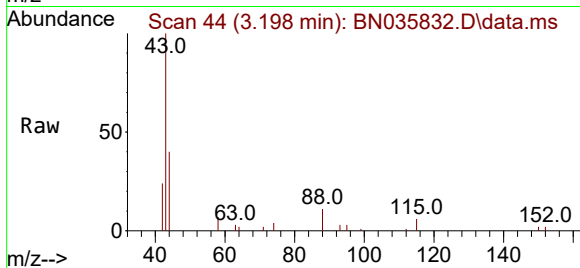




#3
n-Nitrosodimethylamine
Concen: 0.587 ng
RT: 3.198 min Scan# 44
Delta R.T. -0.080 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

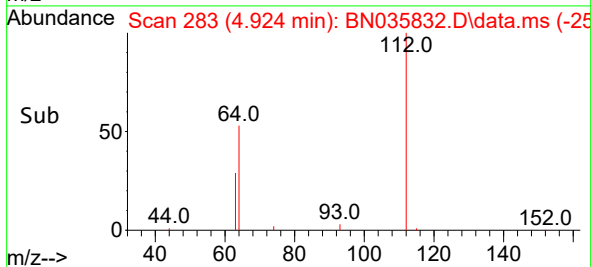
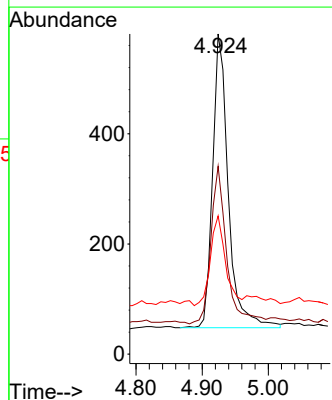
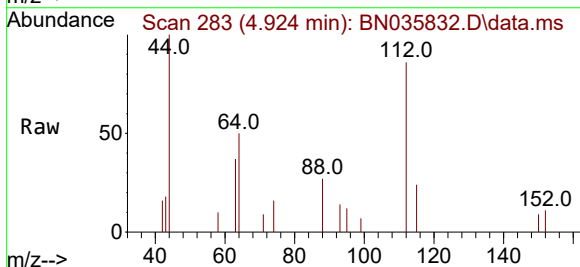
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BNA_N
ClientSampleId :
TT162S1-20241219

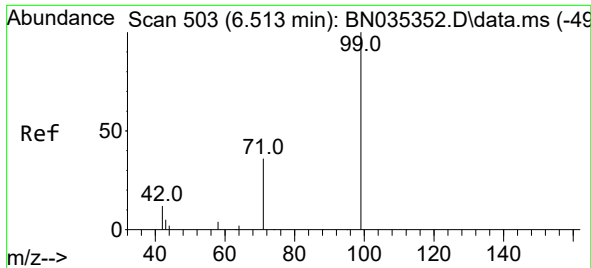
Tgt Ion: 42 Resp: 1521
Ion Ratio Lower Upper
42 100
74 3.1 124.9 187.3#
44 107.6 2.2 3.4#



#4
2-Fluorophenol
Concen: 0.108 ng
RT: 4.924 min Scan# 283
Delta R.T. -0.015 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

Tgt Ion: 112 Resp: 876
Ion Ratio Lower Upper
112 100
64 54.1 39.8 59.8
63 29.3 21.0 31.6

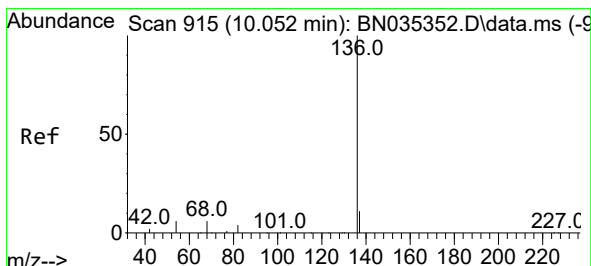
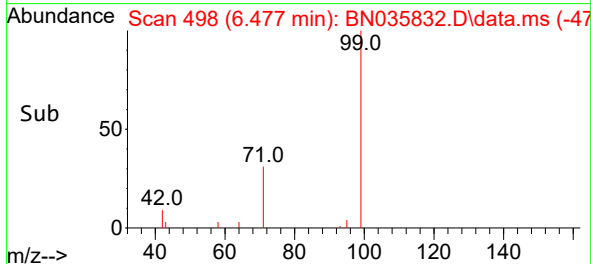
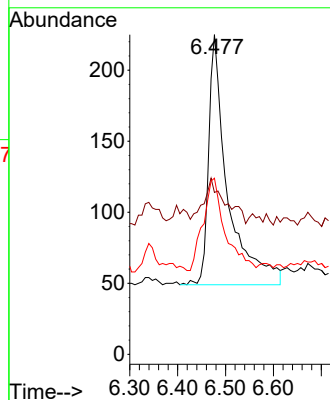
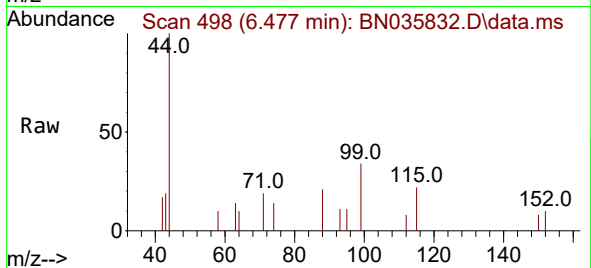




#5
Phenol-d6
Concen: 0.050 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

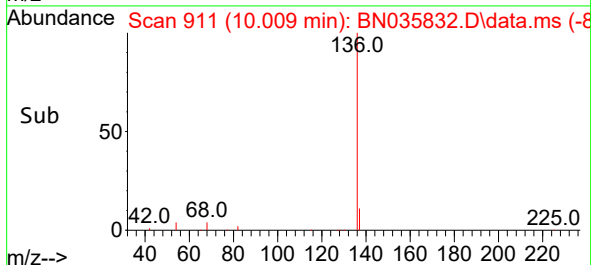
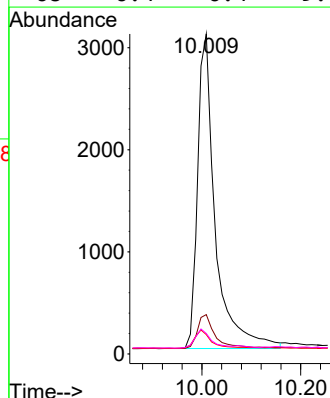
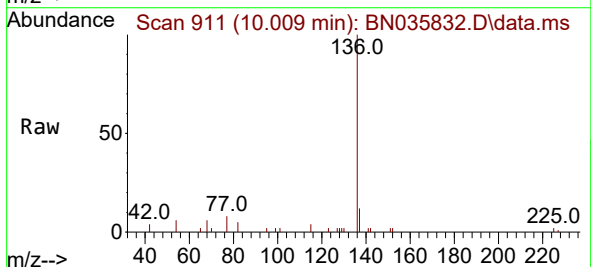
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219

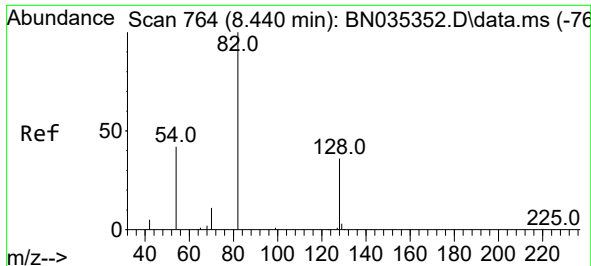
Tgt Ion: 99 Resp: 487
Ion Ratio Lower Upper
99 100
42 21.8 11.4 17.2#
71 42.7 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

Tgt Ion: 136 Resp: 7657
Ion Ratio Lower Upper
136 100
137 12.3 10.2 15.2
54 6.1 6.1 9.1#
68 6.4 6.4 9.6

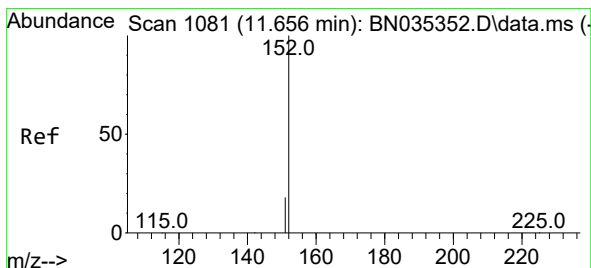
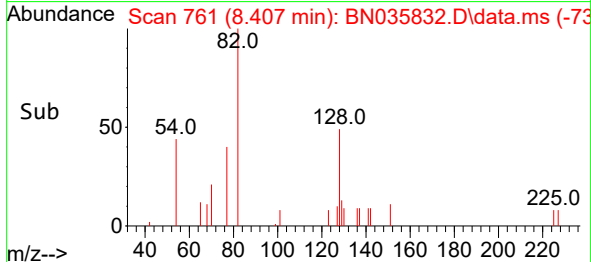
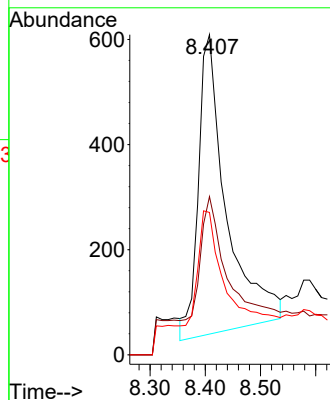
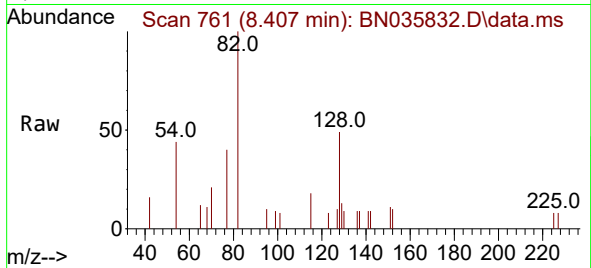




#8
Nitrobenzene-d5
Concen: 0.430 ng
RT: 8.407 min Scan# 70
Delta R.T. -0.000 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

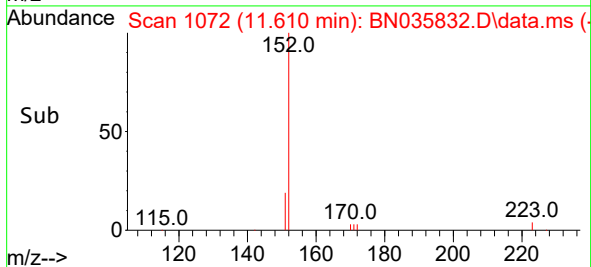
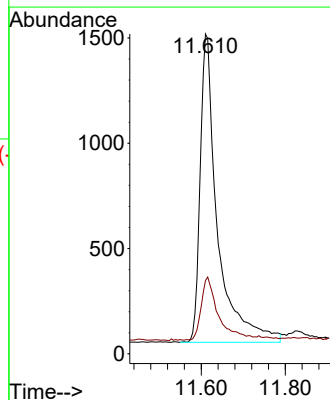
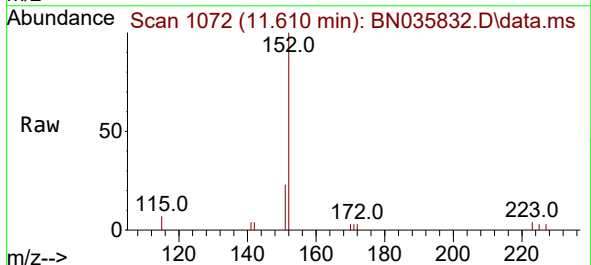
Instrument :
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ClientSampleId :
TT162S1-20241219

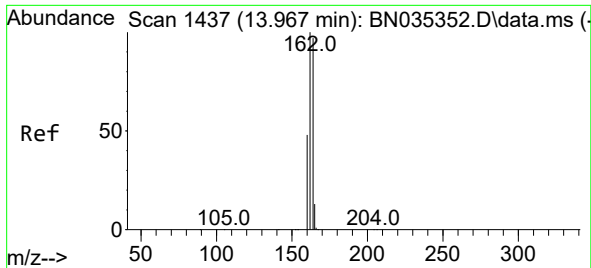
Tgt Ion: 82 Resp: 2010
Ion Ratio Lower Upper
82 100
128 49.4 33.4 50.0
54 44.5 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 11.610 min Scan# 1072
Delta R.T. -0.011 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

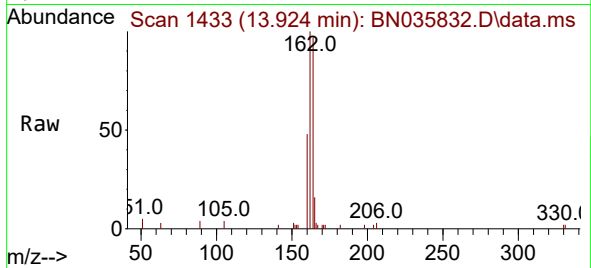
Tgt Ion:152 Resp: 4177
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0



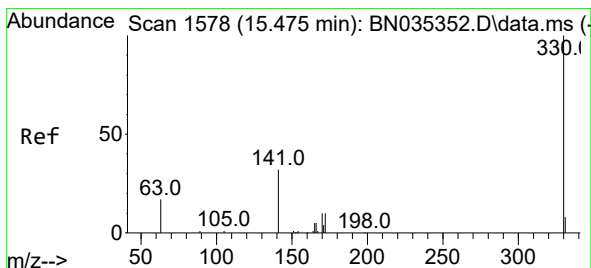
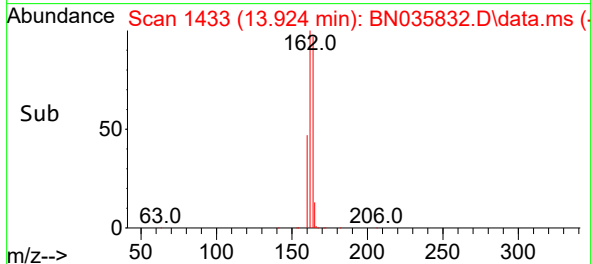
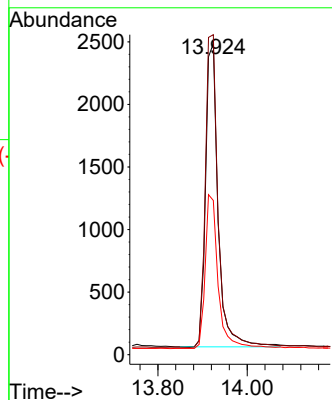


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219

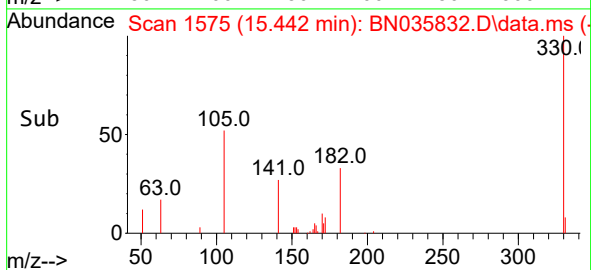
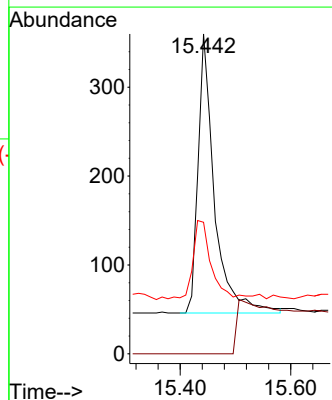
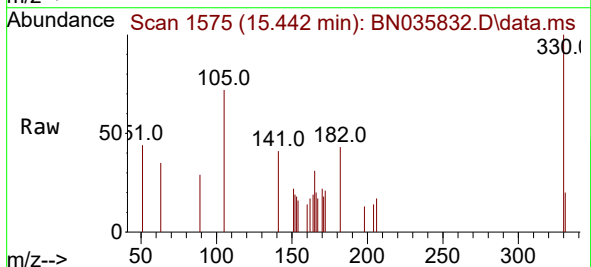


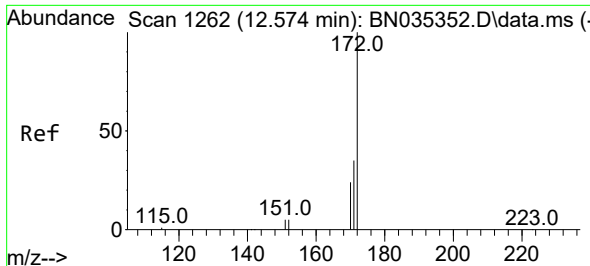
Tgt Ion:164 Resp: 4730
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 49.6 40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.201 ng
RT: 15.442 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

Tgt Ion:330 Resp: 676
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.1 26.6 40.0

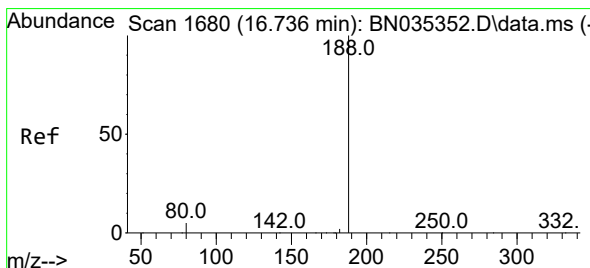
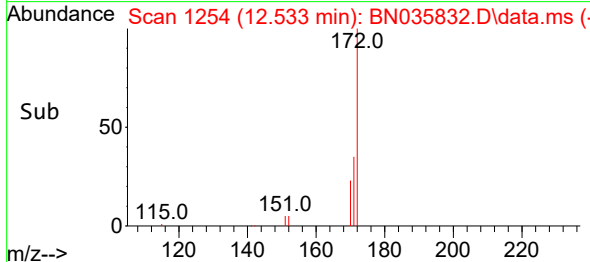
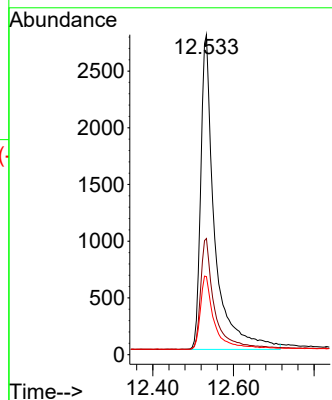
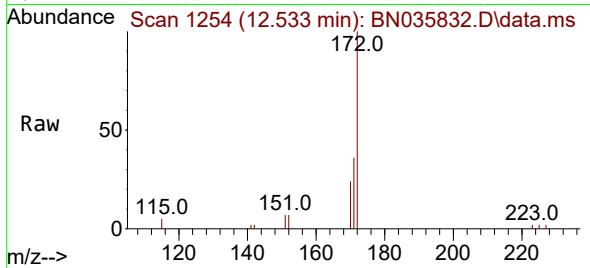




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

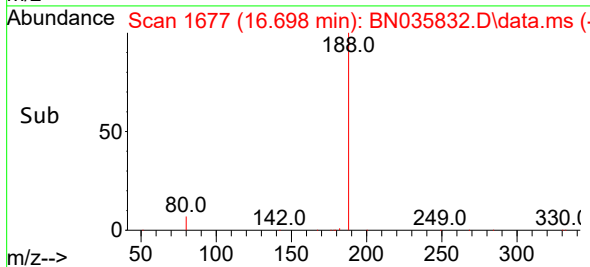
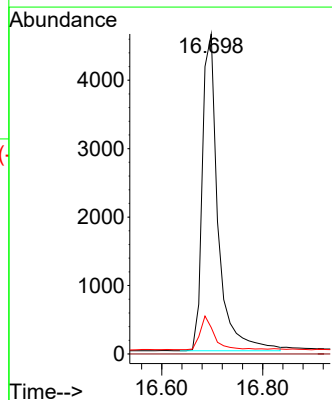
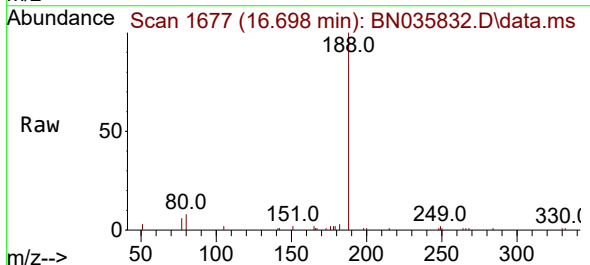
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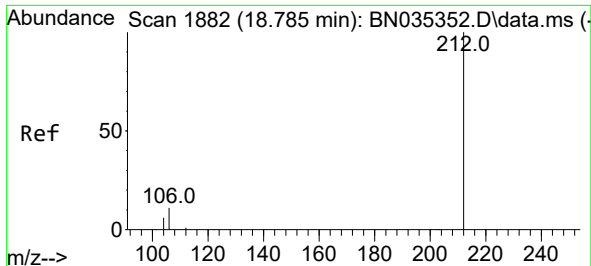
Tgt Ion:172 Resp: 6680
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.4 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

Tgt Ion:188 Resp: 10059
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 4.6 6.8

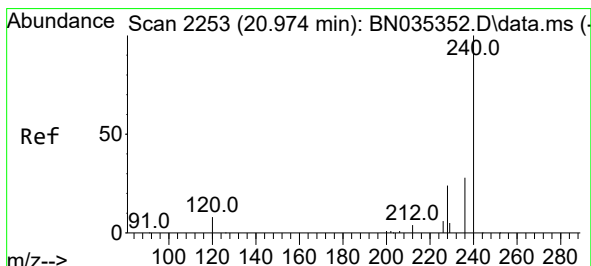
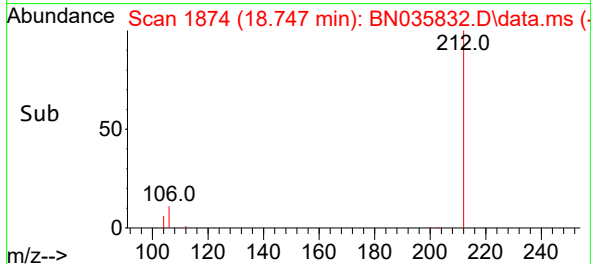
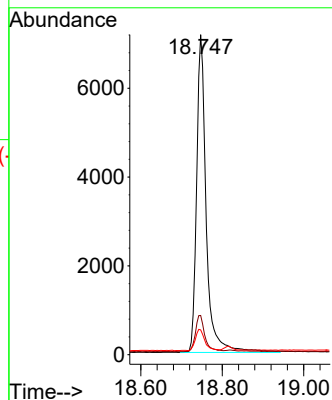
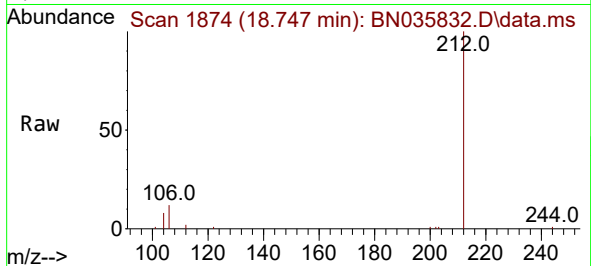




#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 18.747 min Scan# 11
Delta R.T. -0.014 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

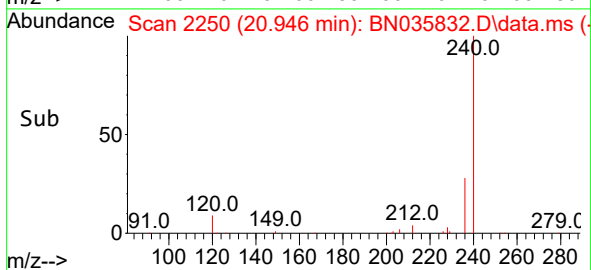
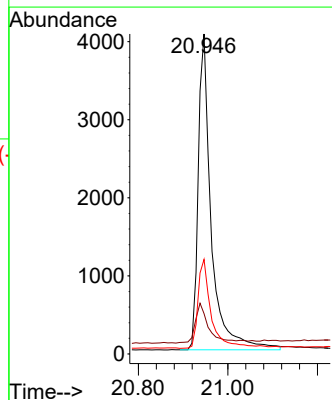
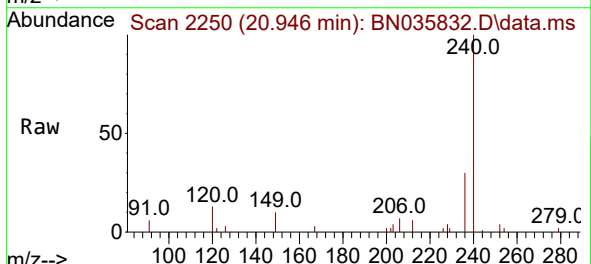
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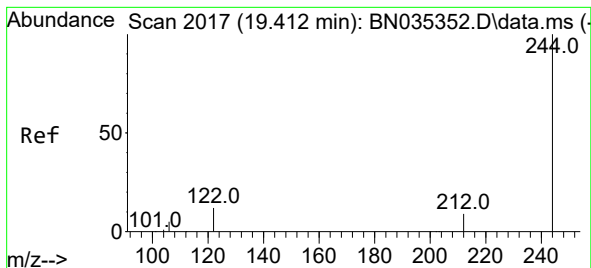
Tgt Ion:212 Resp: 11690
Ion Ratio Lower Upper
212 100
106 11.1 9.2 13.8
104 6.5 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.946 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035832.D
Acq: 24 Dec 2024 22:42

Tgt Ion:240 Resp: 8200
Ion Ratio Lower Upper
240 100
120 12.6 7.9 11.9#
236 29.5 22.9 34.3





#31

Terphenyl-d14

Concen: 0.514 ng

RT: 19.379 min Scan# 2010

Delta R.T. -0.010 min

Lab File: BN035832.D

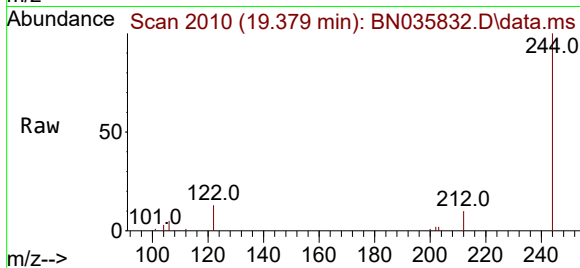
Acq: 24 Dec 2024 22:42

Instrument :

BNA_N

ClientSampleId :

TT162S1-20241219



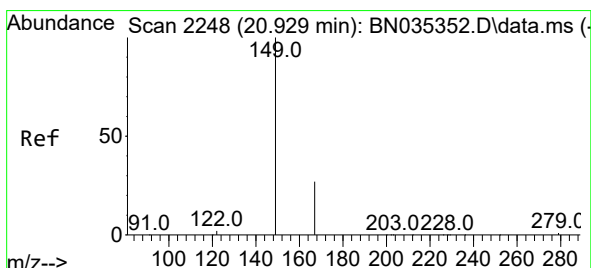
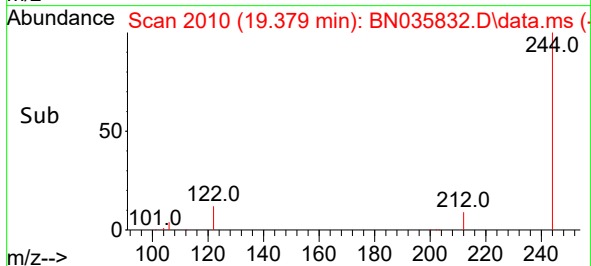
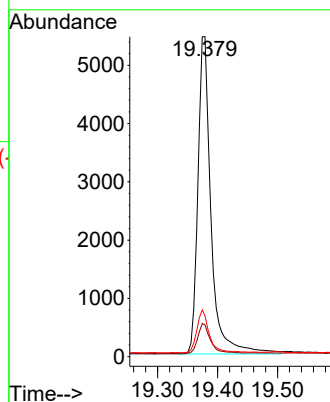
Tgt Ion:244 Resp: 8315

Ion Ratio Lower Upper

244 100

212 9.9 8.1 12.1

122 12.8 10.3 15.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.084 ng

RT: 20.893 min Scan# 2244

Delta R.T. -0.018 min

Lab File: BN035832.D

Acq: 24 Dec 2024 22:42

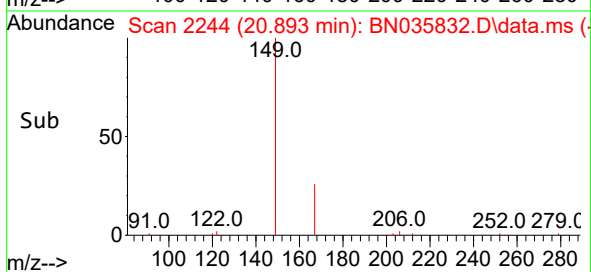
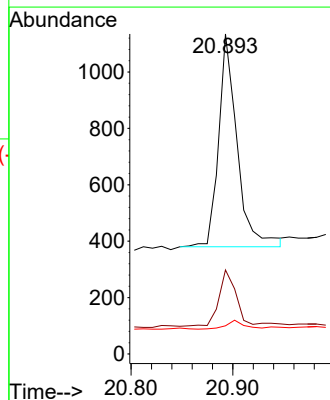
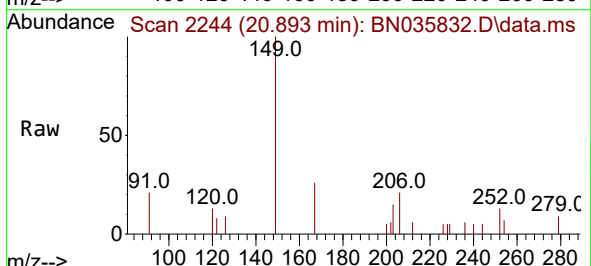
Tgt Ion:149 Resp: 955

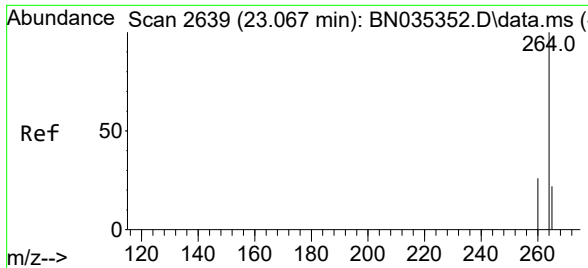
Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.4

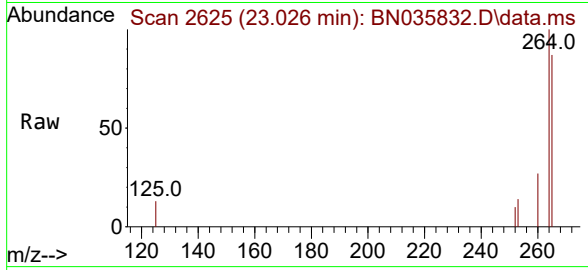
279 4.1 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.026 min Scan# 20
 Delta R.T. -0.015 min
 Lab File: BN035832.D
 Acq: 24 Dec 2024 22:42

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241219



Tgt Ion:264 Resp: 8068
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.4 32.2
 265 87.3 40.2 60.4#

