

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034487.D
 Acq On : 09 Oct 2024 03:08
 Operator : RC/JU
 Sample : P4226-12
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT119S1-20240925

Quant Time: Oct 09 04:07:25 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 14:44:02 2024
 Response via : Initial Calibration

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

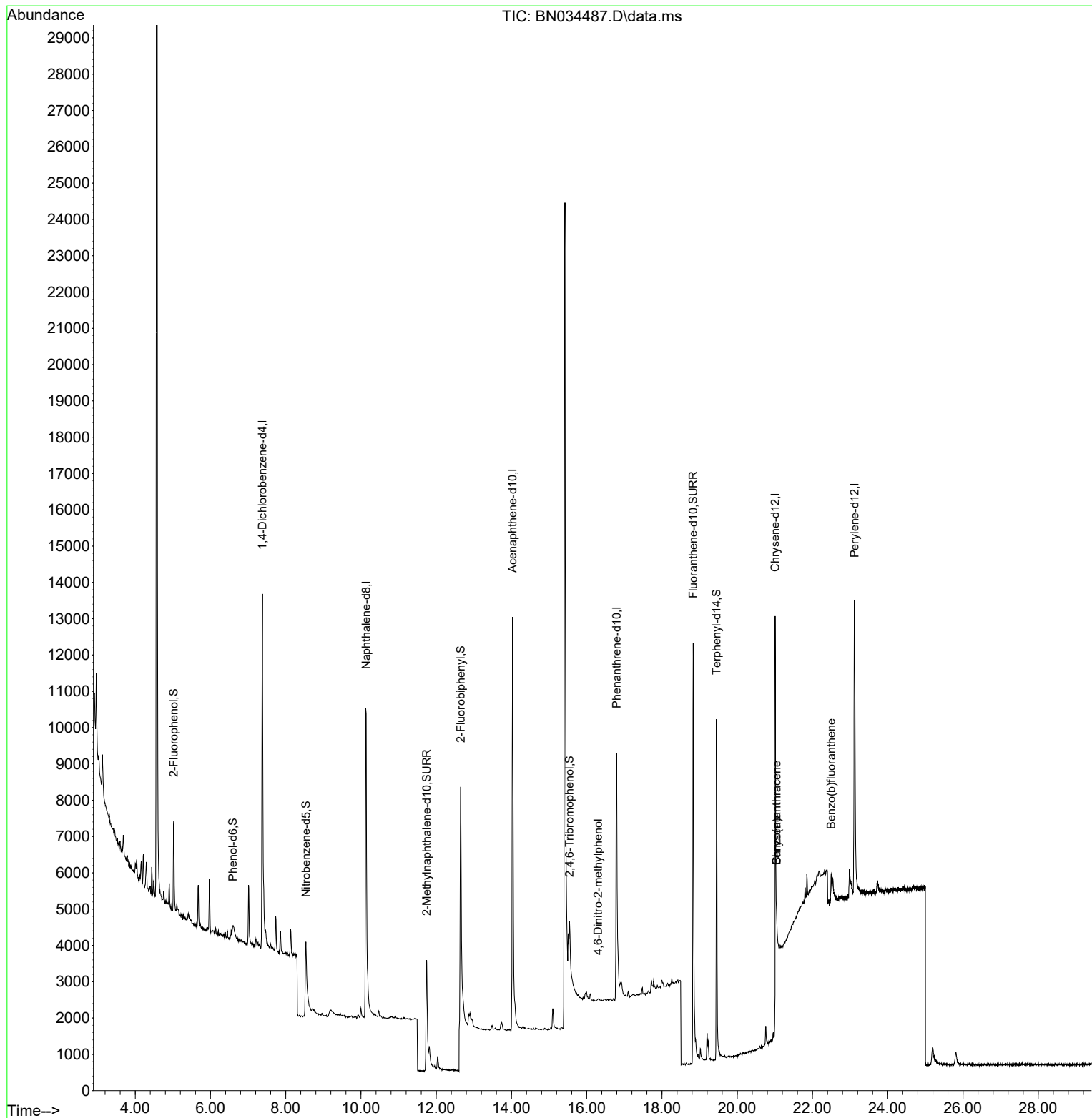
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	5548	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	15746	0.400	ng	#-0.01
13) Acenaphthene-d10	14.030	164	8556	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	13947	0.400	ng	0.00
29) Chrysene-d12	21.008	240	8936	0.400	ng	0.00
35) Perylene-d12	23.119	264	12144	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	2152	0.137	ng	0.00
5) Phenol-d6	6.593	99	861	0.047	ng	0.00
8) Nitrobenzene-d5	8.536	82	3049	0.253	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	6813	0.293	ng	-0.01
14) 2,4,6-Tribromophenol	15.542	330	1165	0.301	ng	0.00
15) 2-Fluorobiphenyl	12.651	172	9375	0.269	ng	0.00
27) Fluoranthene-d10	18.829	212	15459	0.439	ng	-0.02
31) Terphenyl-d14	19.452	244	10607	0.594	ng	-0.02
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	16.299	198	13	0.143	ng	# 1
32) Benzo(a)anthracene	21.044	228	801	0.028	ng	# 71
33) Chrysene	21.044	228	1106	0.033	ng	# 75
37) Benzo(b)fluoranthene	22.499	252	964	0.020	ng	# 1

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

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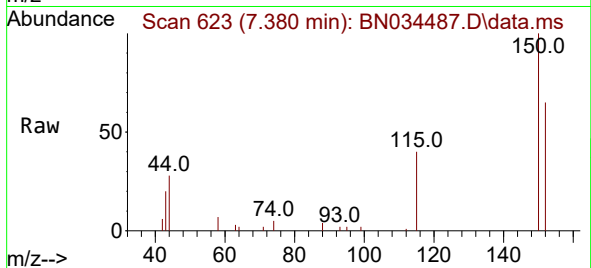
Quant Time: Oct 09 04:07:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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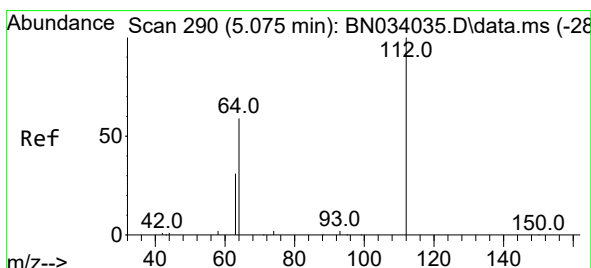
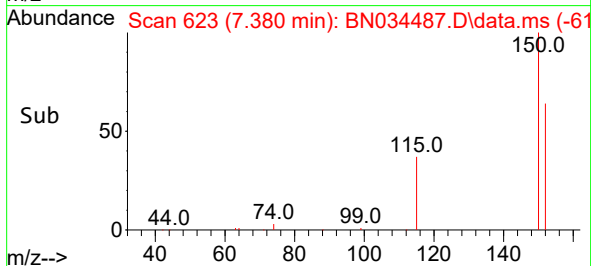
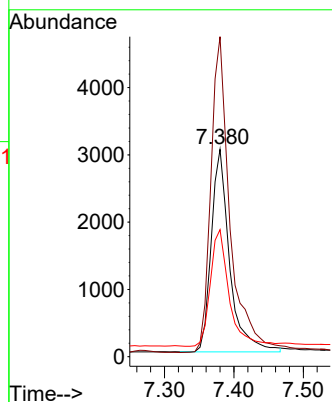


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 617
Delta R.T. -0.014 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

Instrument :
BNA_N
ClientSampleId :
TT119S1-20240925

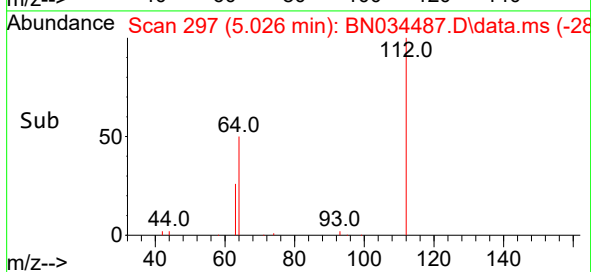
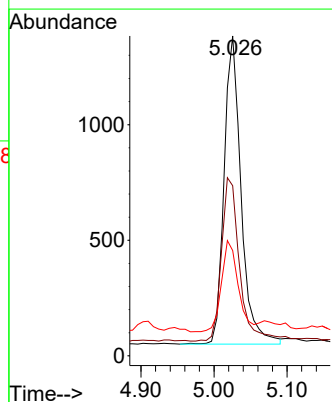
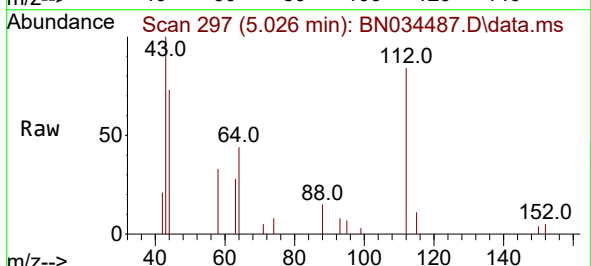


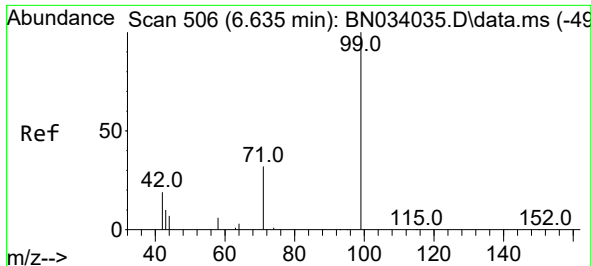
Tgt Ion:152 Resp: 5548
Ion Ratio Lower Upper
152 100
150 154.3 124.6 187.0
115 61.2 50.0 75.0



#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.026 min Scan# 297
Delta R.T. -0.007 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

Tgt Ion:112 Resp: 2152
Ion Ratio Lower Upper
112 100
64 55.9 48.6 72.8
63 29.0 25.6 38.4

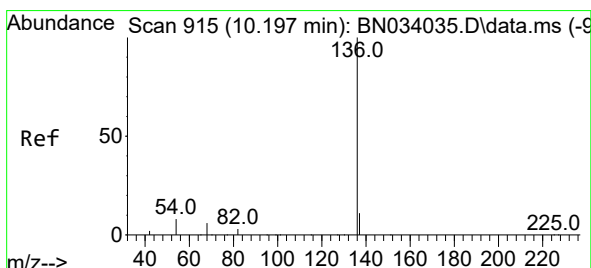
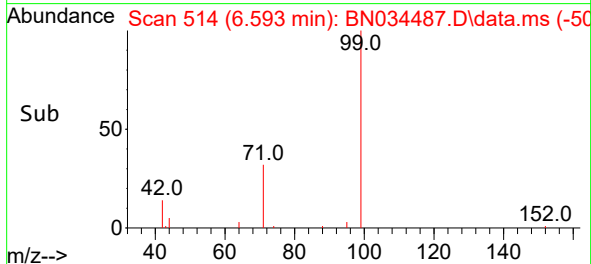
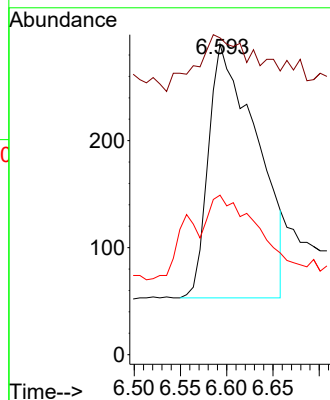
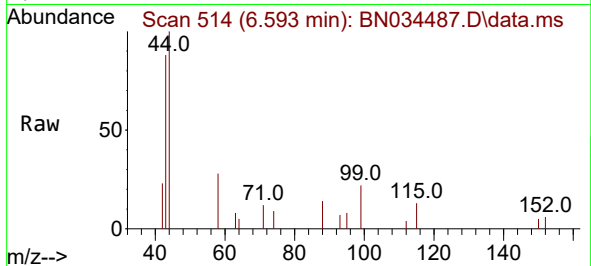




#5
Phenol-d6
Concen: 0.047 ng
RT: 6.593 min Scan# 514
Delta R.T. -0.007 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

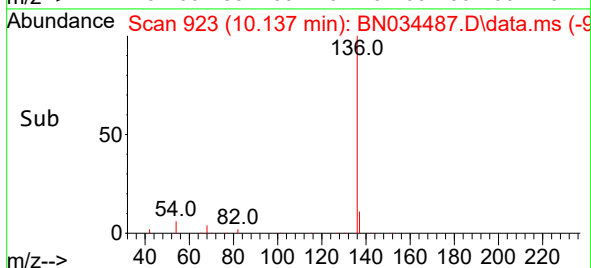
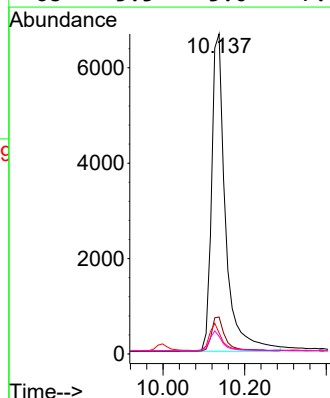
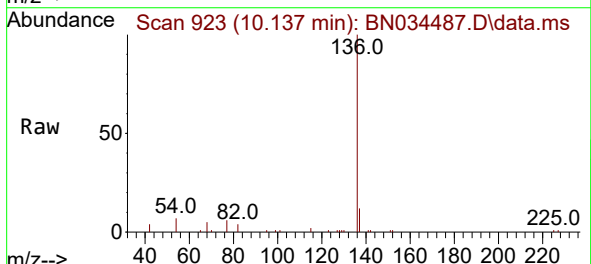
Instrument :
BNA_N
ClientSampleId :
TT119S1-20240925

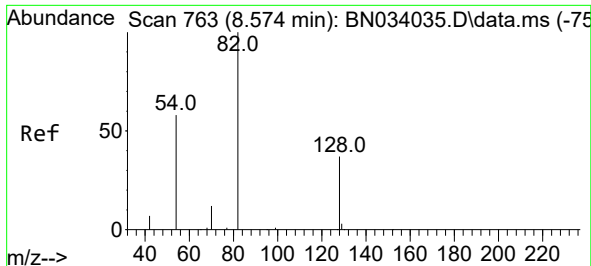
Tgt Ion: 99 Resp: 861
Ion Ratio Lower Upper
99 100
42 27.1 17.8 26.8#
71 23.0 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. -0.011 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

Tgt Ion: 136 Resp: 15746
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 6.6 6.8 10.2#
68 5.5 5.0 7.6

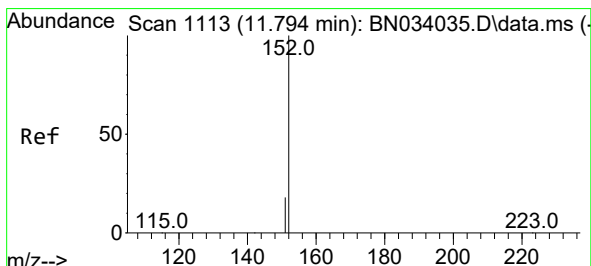
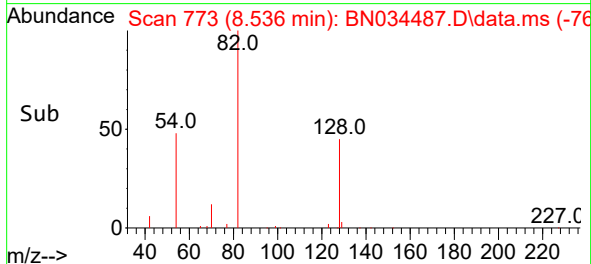
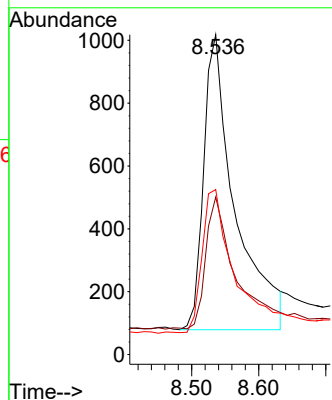
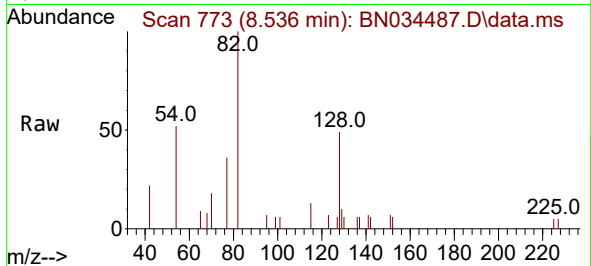




#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.536 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

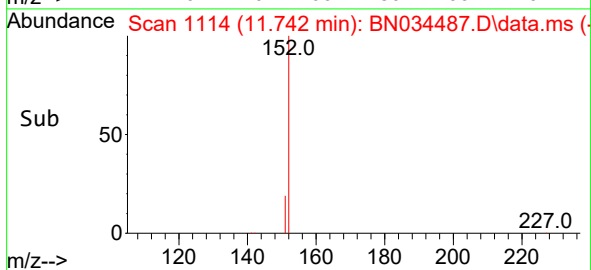
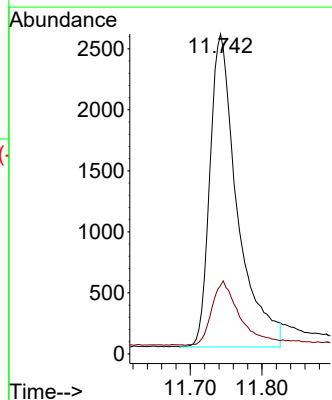
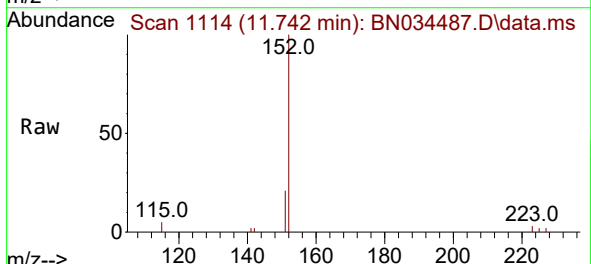
Instrument :
BNA_N
ClientSampleId :
TT119S1-20240925

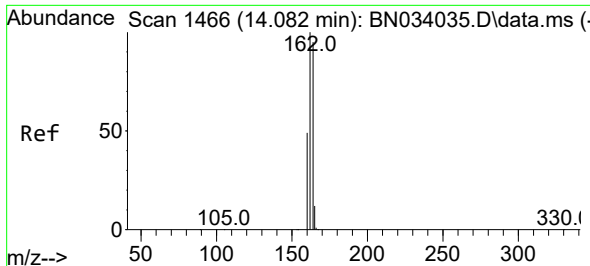
Tgt Ion: 82 Resp: 3049
Ion Ratio Lower Upper
82 100
128 49.2 31.4 47.2#
54 51.6 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 11.742 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

Tgt Ion:152 Resp: 6813
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2

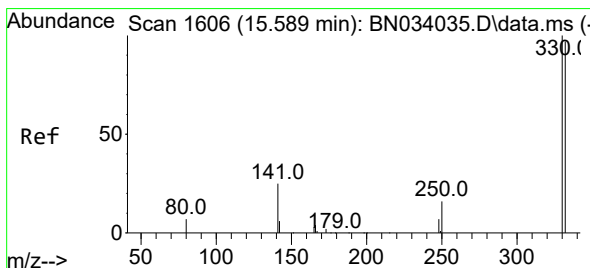
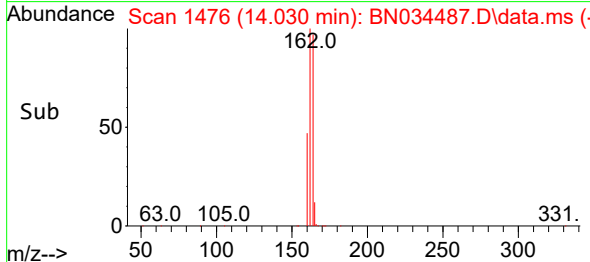
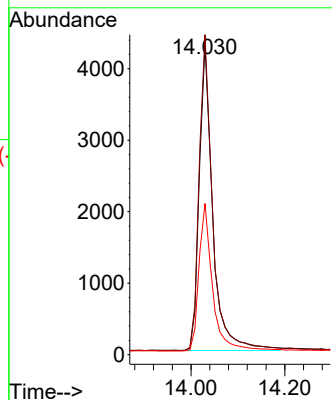
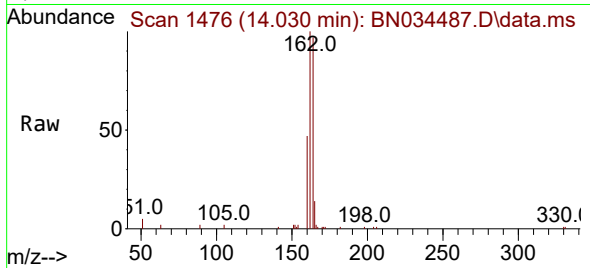




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 14
Delta R.T. -0.017 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

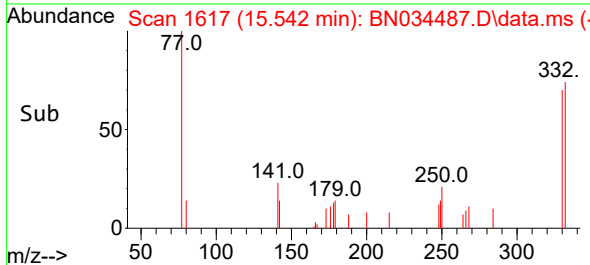
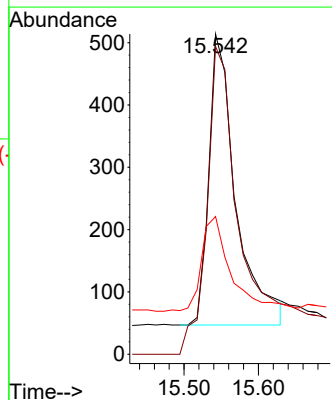
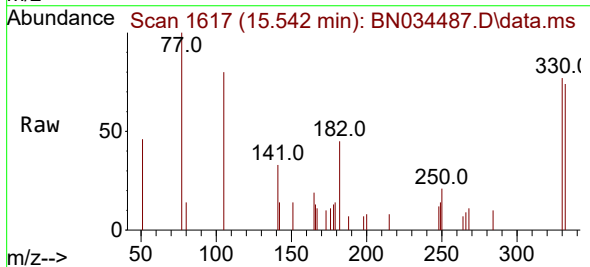
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ClientSampleId :
TT119S1-20240925

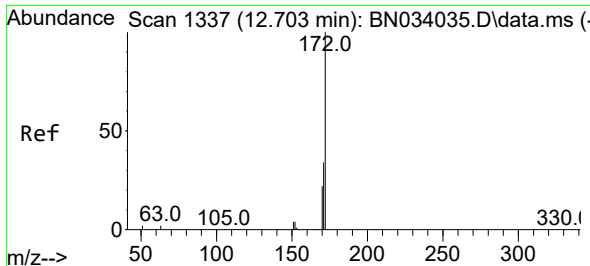
Tgt Ion:164 Resp: 8556
Ion Ratio Lower Upper
164 100
162 103.4 84.2 126.2
160 48.8 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.542 min Scan# 1617
Delta R.T. -0.007 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

Tgt Ion:330 Resp: 1165
Ion Ratio Lower Upper
330 100
332 127.9 77.4 116.0#
141 34.5 35.9 53.9#

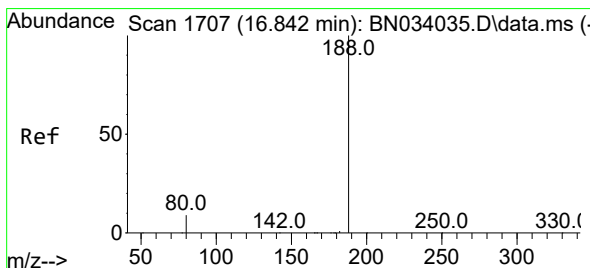
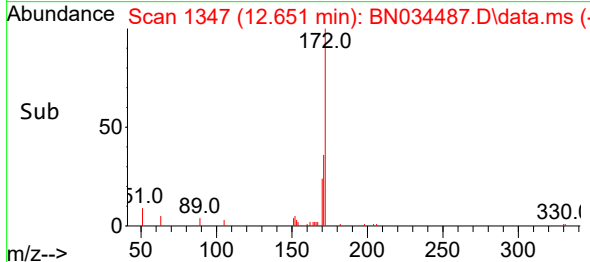
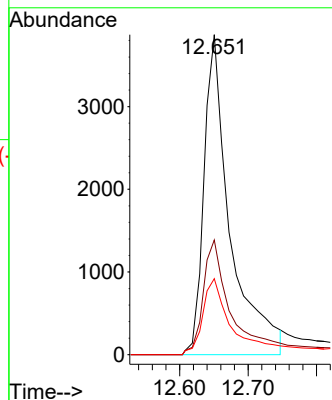
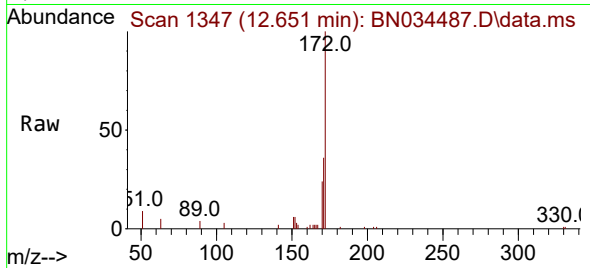




#15
2-Fluorobiphenyl
Concen: 0.269 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

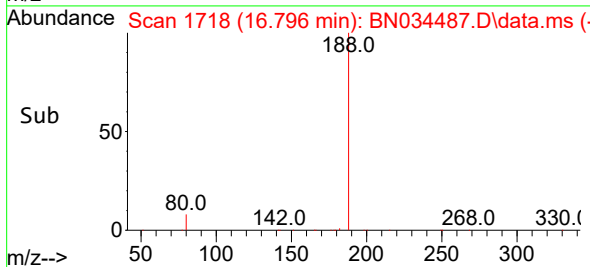
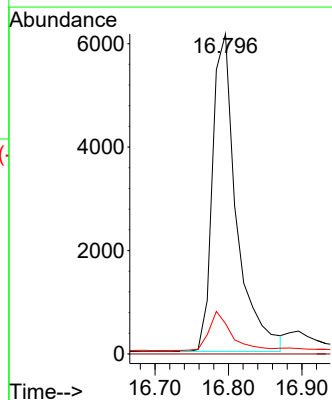
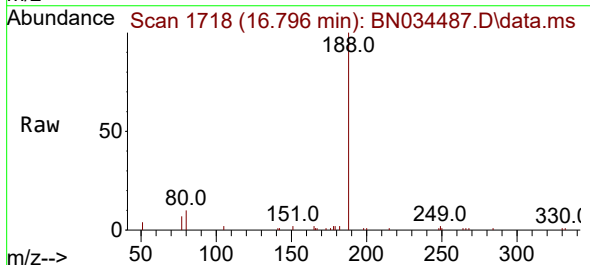
Instrument :
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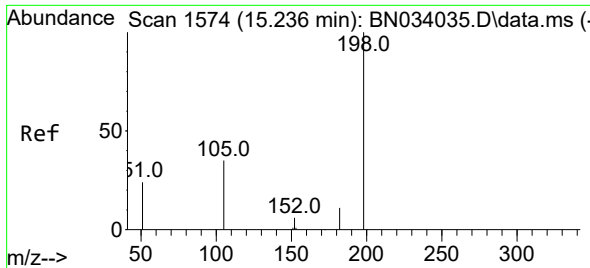
Tgt Ion:172 Resp: 9375
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 23.7 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.796 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

Tgt Ion:188 Resp: 13947
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.4 11.0

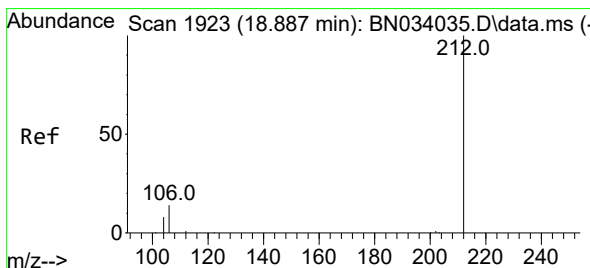
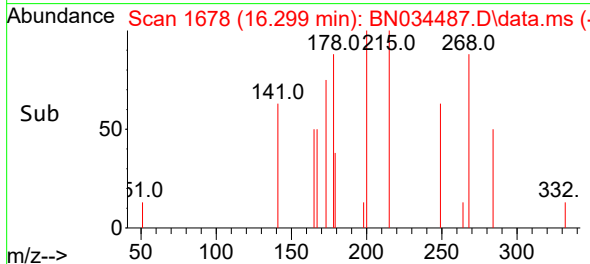
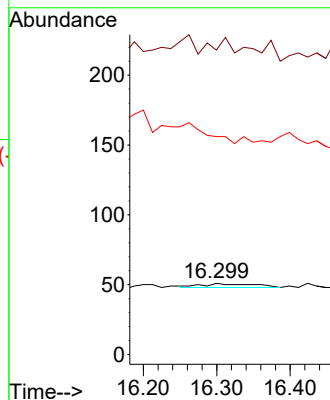
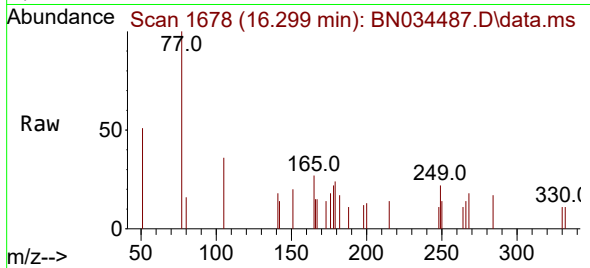




#20
4,6-Dinitro-2-methylphenol
Concen: 0.143 ng
RT: 16.299 min Scan# 1678
Delta R.T. -0.007 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

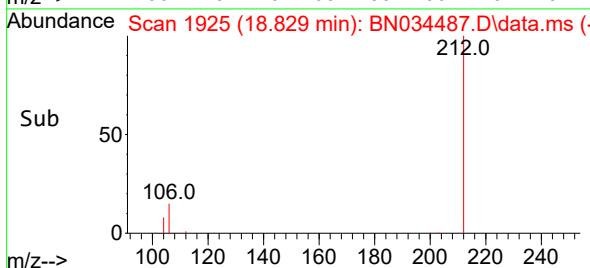
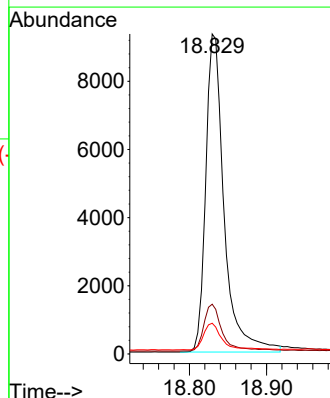
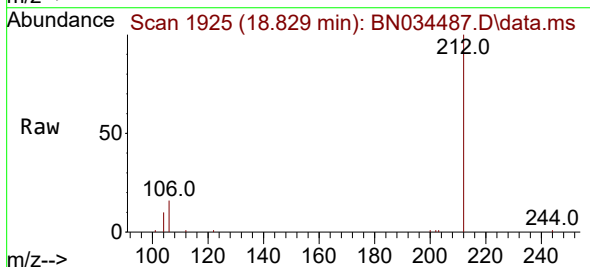
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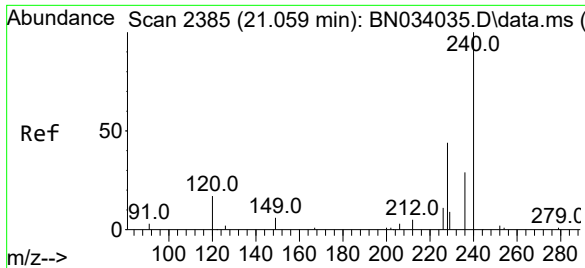
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 427.5 106.4 159.6#
105 305.9 38.5 57.7#



#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 18.829 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

Tgt Ion:212 Resp: 15459
Ion Ratio Lower Upper
212 100
106 14.9 13.4 20.2
104 8.6 7.8 11.6

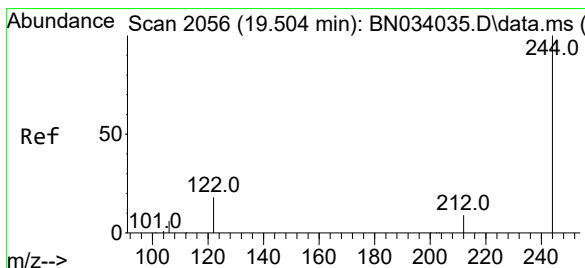
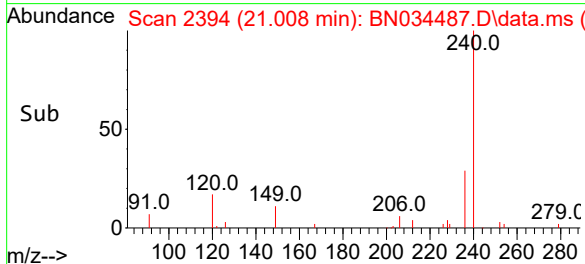
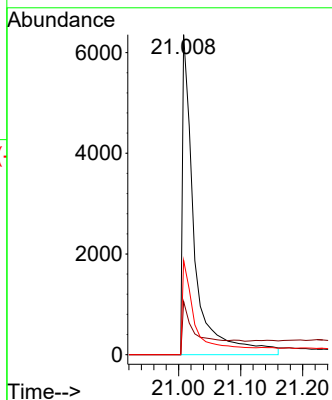
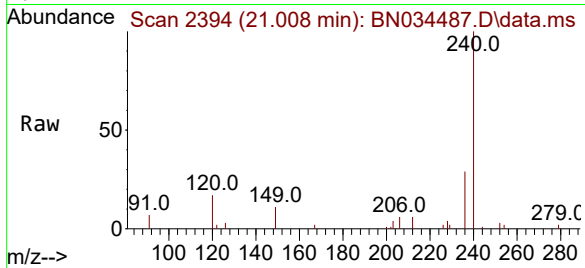




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

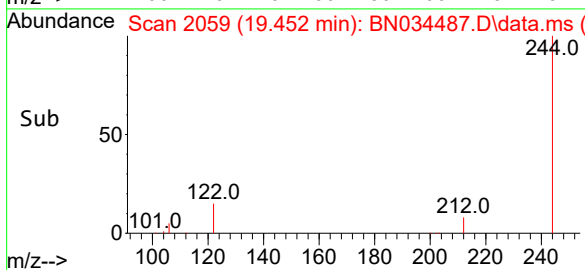
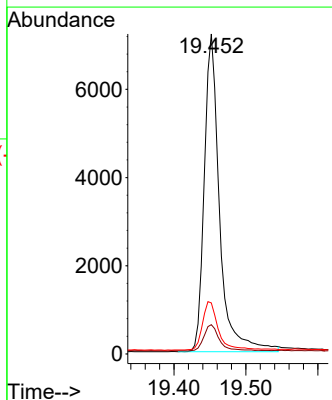
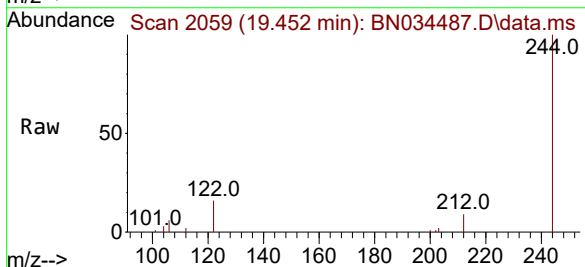
Instrument :
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TT119S1-20240925

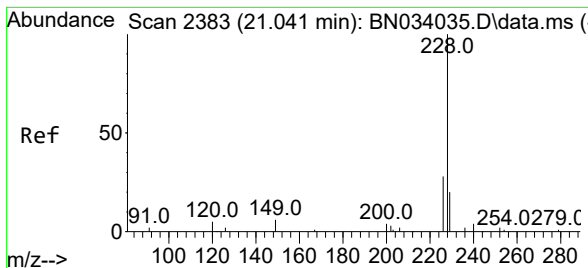
Tgt Ion:240 Resp: 8936
Ion Ratio Lower Upper
240 100
120 16.6 13.5 20.3
236 29.4 23.4 35.0



#31
Terphenyl-d14
Concen: 0.594 ng
RT: 19.452 min Scan# 2059
Delta R.T. -0.016 min
Lab File: BN034487.D
Acq: 09 Oct 2024 03:08

Tgt Ion:244 Resp: 10607
Ion Ratio Lower Upper
244 100
212 9.2 7.8 11.6
122 15.9 14.8 22.2





#32

Benzo(a)anthracene

Concen: 0.028 ng

RT: 21.044 min Scan# 21

Delta R.T. 0.038 min

Lab File: BN034487.D

Acq: 09 Oct 2024 03:08

Instrument :

BNA_N

ClientSampleId :

TT119S1-20240925

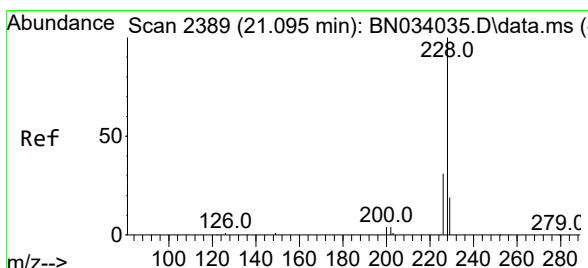
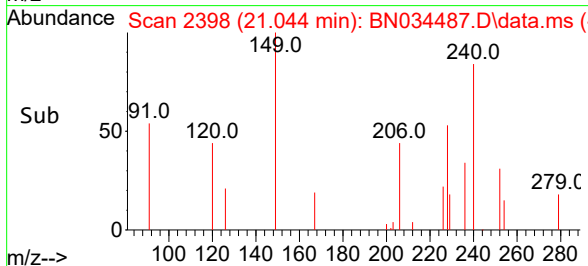
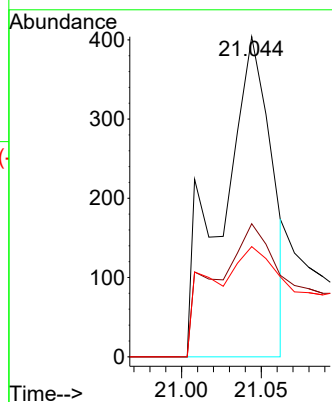
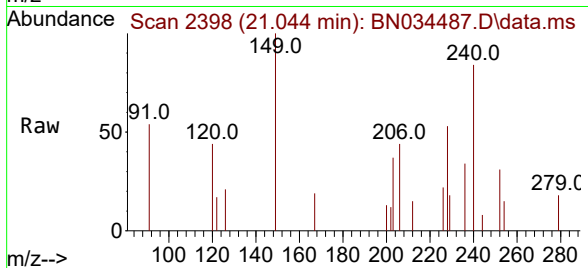
Tgt Ion:228 Resp: 801

Ion Ratio Lower Upper

228 100

226 41.6 22.3 33.5#

229 34.4 15.7 23.5#



#33

Chrysene

Concen: 0.033 ng

RT: 21.044 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BN034487.D

Acq: 09 Oct 2024 03:08

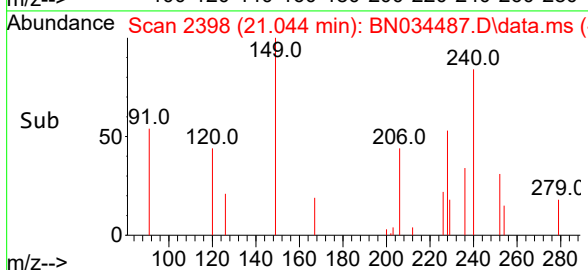
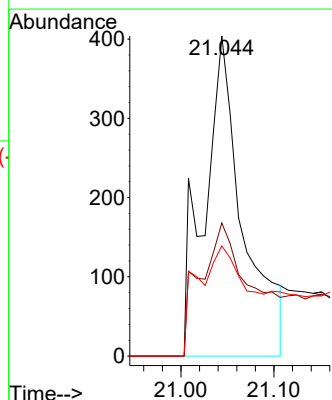
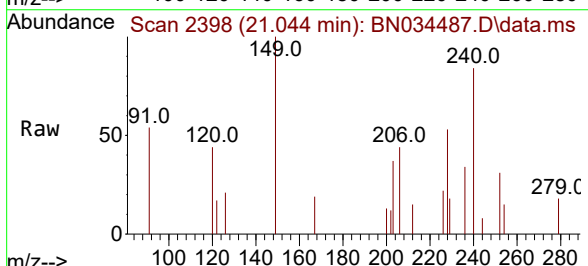
Tgt Ion:228 Resp: 1106

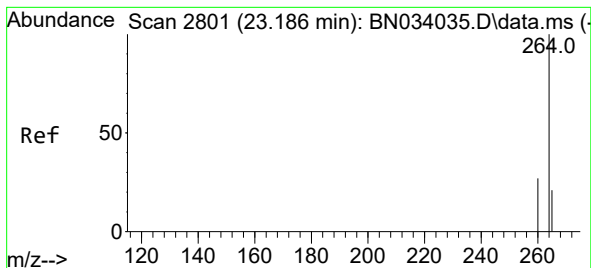
Ion Ratio Lower Upper

228 100

226 41.6 24.6 37.0#

229 34.4 15.5 23.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.119 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN034487.D

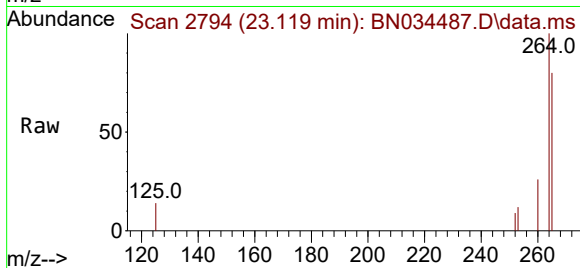
Acq: 09 Oct 2024 03:08

Instrument :

BNA_N

ClientSampleId :

TT119S1-20240925



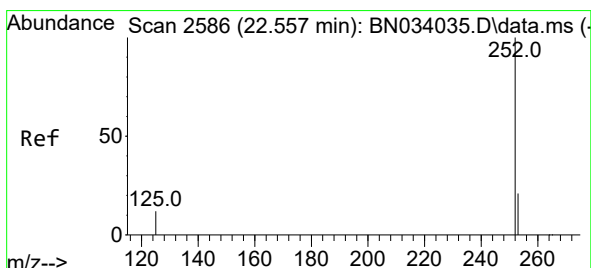
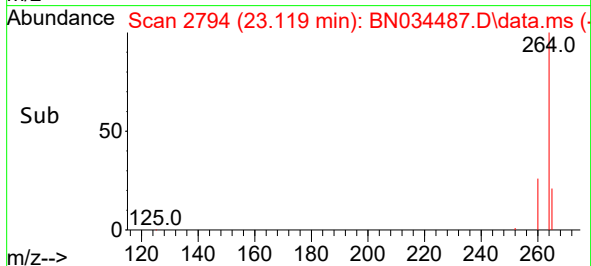
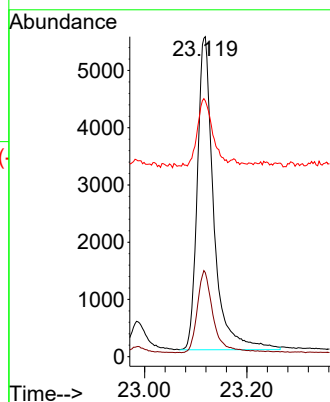
Tgt Ion:264 Resp: 12144

Ion Ratio Lower Upper

264 100

260 26.2 21.7 32.5

265 79.9 52.1 78.1#



#37

Benzo(b)fluoranthene

Concen: 0.020 ng

RT: 22.499 min Scan# 2582

Delta R.T. -0.009 min

Lab File: BN034487.D

Acq: 09 Oct 2024 03:08

Tgt Ion:252 Resp: 964

Ion Ratio Lower Upper

252 100

253 73.1 19.6 29.4#

125 78.8 13.8 20.8#

