

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034486.D
 Acq On : 09 Oct 2024 02:32
 Operator : RC/JU
 Sample : P4226-11
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20240925

Quant Time: Oct 09 02:57:35 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)

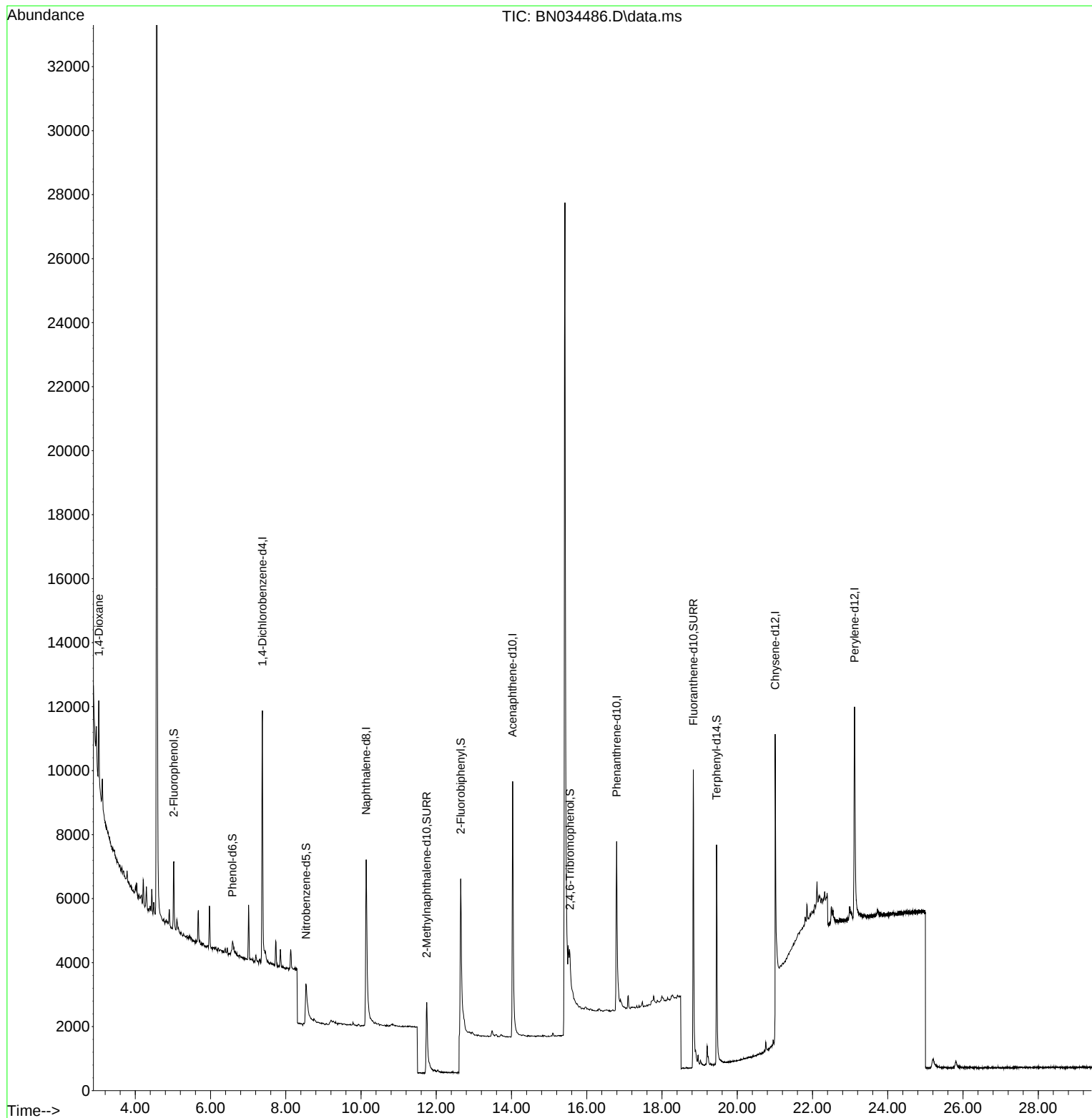
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4268	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	11127	0.400	ng	-0.01
13) Acenaphthene-d10	14.029	164	6085	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	11114	0.400	ng	0.00
29) Chrysene-d12	21.008	240	7884	0.400	ng	0.00
35) Perylene-d12	23.118	264	9842	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	1828	0.151	ng	0.00
5) Phenol-d6	6.585	99	730	0.052	ng	-0.01
8) Nitrobenzene-d5	8.536	82	2198	0.258	ng	0.00
11) 2-Methylnaphthalene-d10	11.746	152	5190	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.554	330	836	0.303	ng	0.00
15) 2-Fluorobiphenyl	12.650	172	7415	0.300	ng	0.00
27) Fluoranthene-d10	18.834	212	12154	0.433	ng	-0.01
31) Terphenyl-d14	19.452	244	8269	0.525	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.032	88	1795	0.336	ng	Qvalue # 62

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

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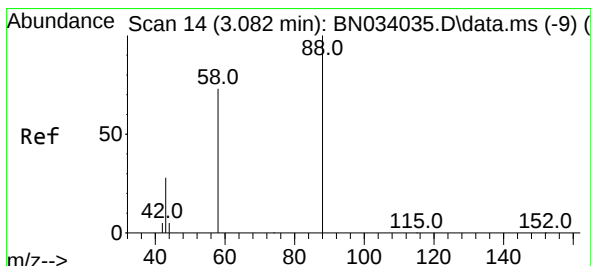
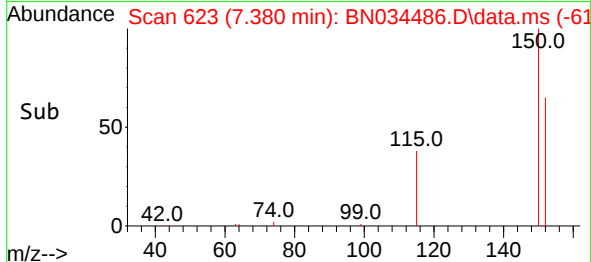
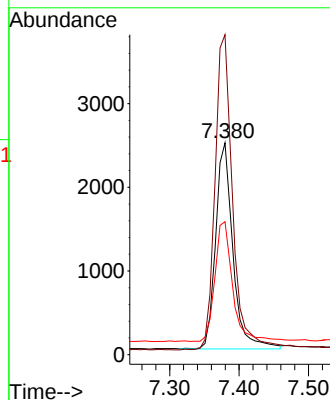
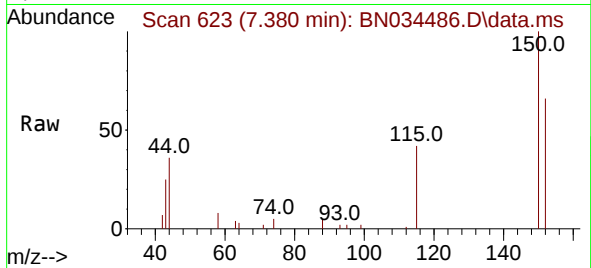




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034486.D
Acq: 09 Oct 2024 02:32

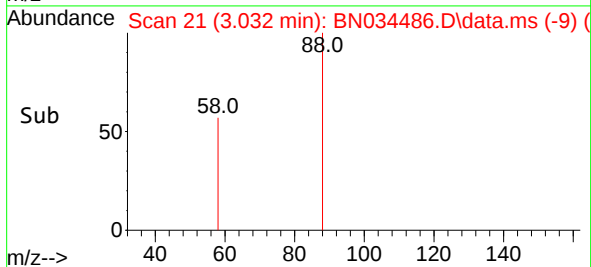
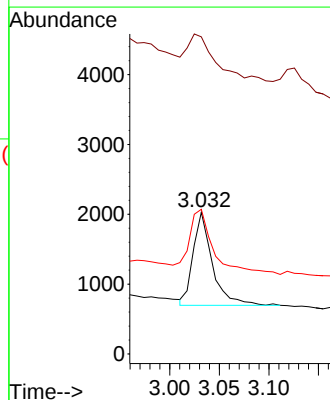
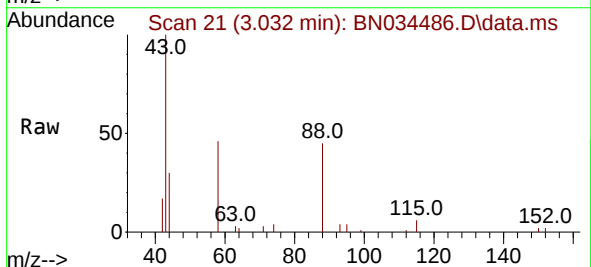
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240925

Tgt Ion:152 Resp: 4268
Ion Ratio Lower Upper
152 100
150 151.1 124.6 187.0
115 62.7 50.0 75.0



#2
1,4-Dioxane
Concen: 0.336 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN034486.D
Acq: 09 Oct 2024 02:32

Tgt Ion: 88 Resp: 1795
Ion Ratio Lower Upper
88 100
43 75.9 25.8 38.8#
58 90.7 58.8 88.2#

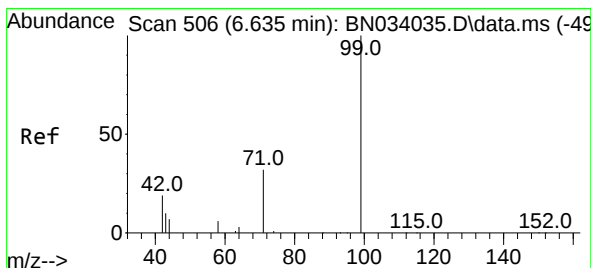
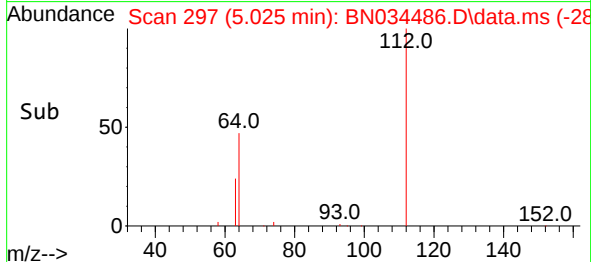
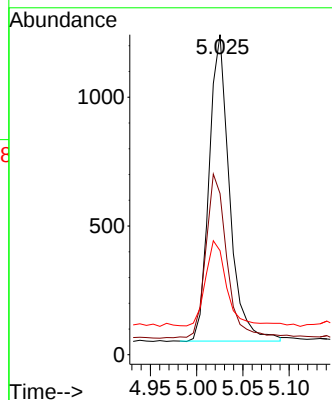
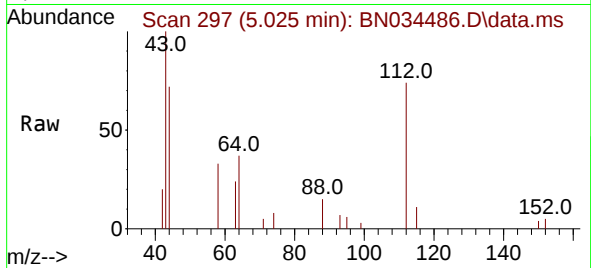




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.025 min Scan# 290
Delta R.T. -0.007 min
Lab File: BN034486.D
Acq: 09 Oct 2024 02:32

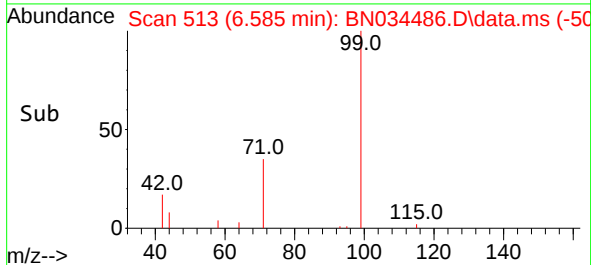
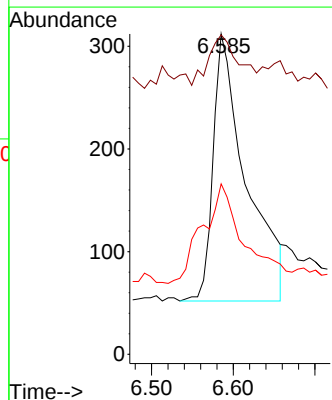
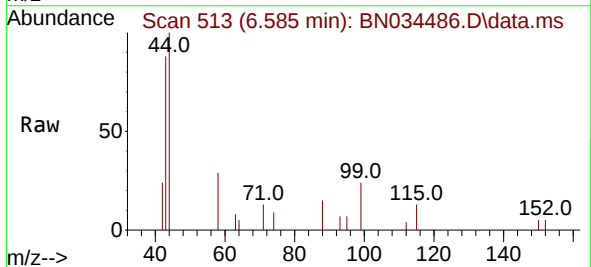
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240925

Tgt Ion:112 Resp: 1828
Ion Ratio Lower Upper
112 100
64 55.4 48.6 72.8
63 28.6 25.6 38.4



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.015 min
Lab File: BN034486.D
Acq: 09 Oct 2024 02:32

Tgt Ion: 99 Resp: 730
Ion Ratio Lower Upper
99 100
42 17.0 17.8 26.8#
71 46.3 26.2 39.2#

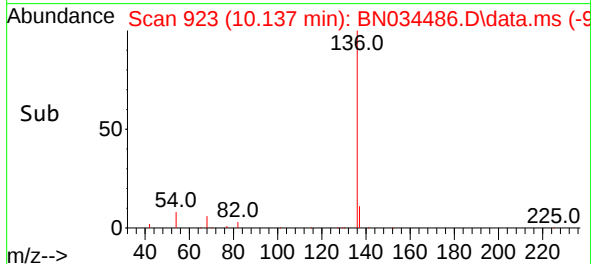
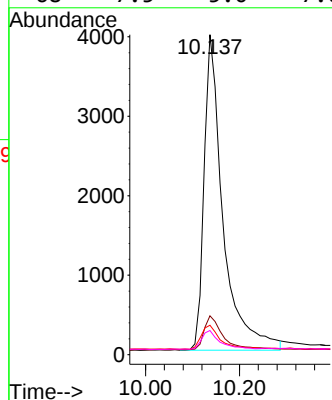
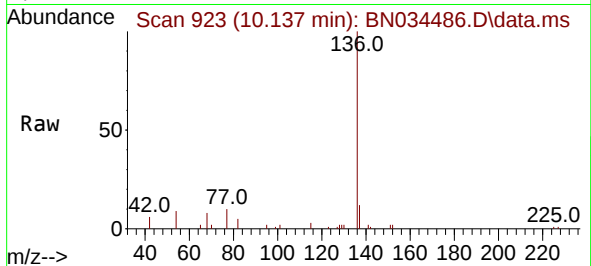




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034486.D
Acq: 09 Oct 2024 02:32

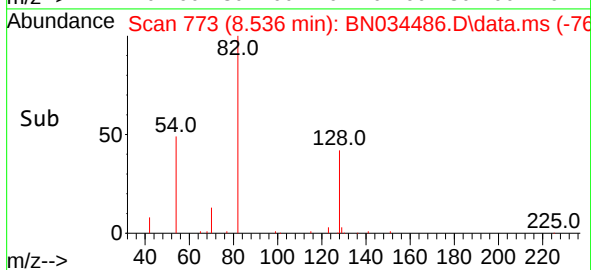
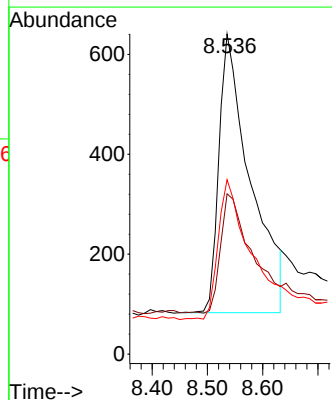
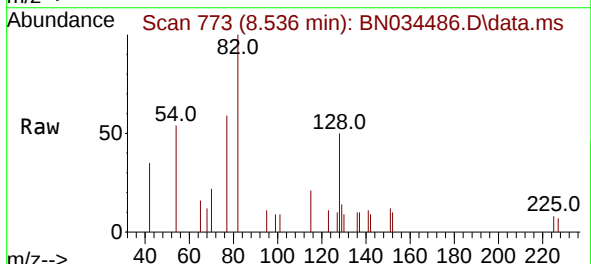
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240925

Tgt Ion:136	Resp:	11127
Ion Ratio	Lower	Upper
136	100	
137	12.1	9.0 13.6
54	9.2	6.8 10.2
68	7.5	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.536 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN034486.D
Acq: 09 Oct 2024 02:32

Tgt Ion: 82	Resp:	2198
Ion Ratio	Lower	Upper
82	100	
128	50.1	31.4 47.2#
54	54.4	47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.316 ng

RT: 11.746 min Scan# 1115

Delta R.T. -0.008 min

Lab File: BN034486.D

Acq: 09 Oct 2024 02:32

Instrument :

BNA_N

ClientSampleId :

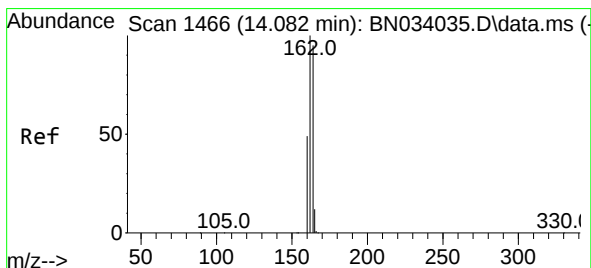
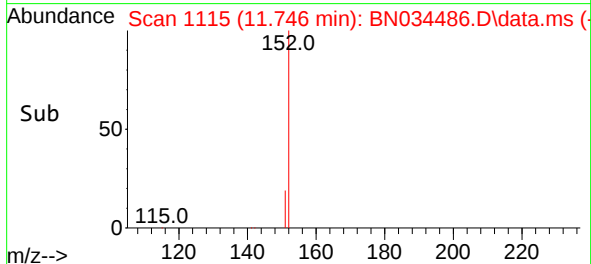
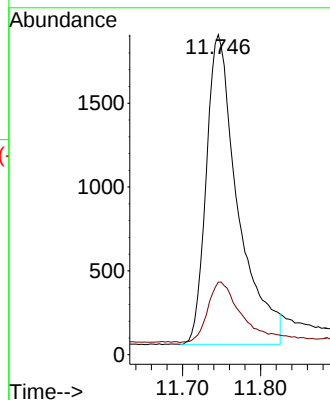
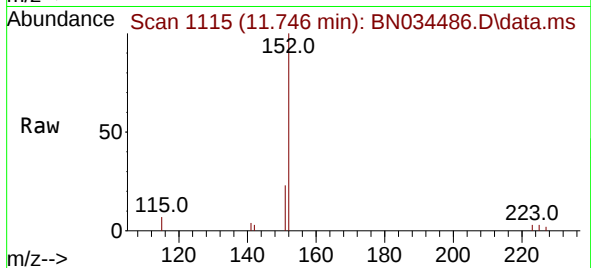
TT161S1-20240925

Tgt Ion:152 Resp: 5190

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.029 min Scan# 1476

Delta R.T. -0.018 min

Lab File: BN034486.D

Acq: 09 Oct 2024 02:32

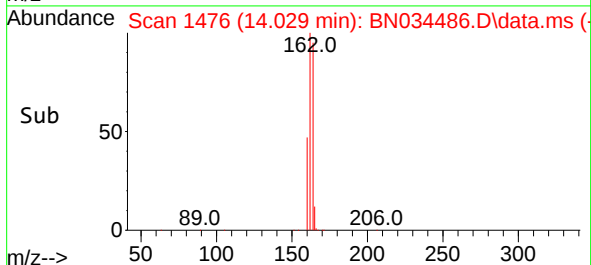
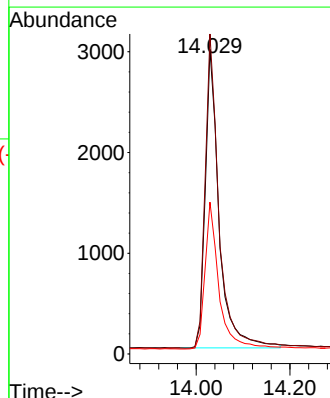
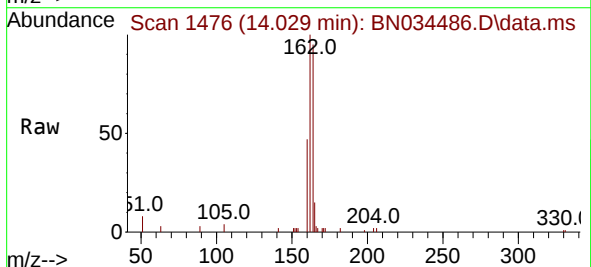
Tgt Ion:164 Resp: 6085

Ion Ratio Lower Upper

164 100

162 105.0 84.2 126.2

160 49.9 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.303 ng

RT: 15.554 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN034486.D

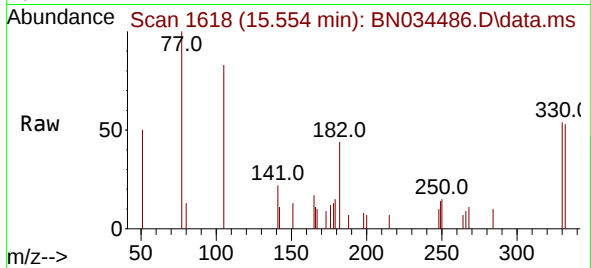
Acq: 09 Oct 2024 02:32

Instrument :

BNA_N

ClientSampleId :

TT161S1-20240925



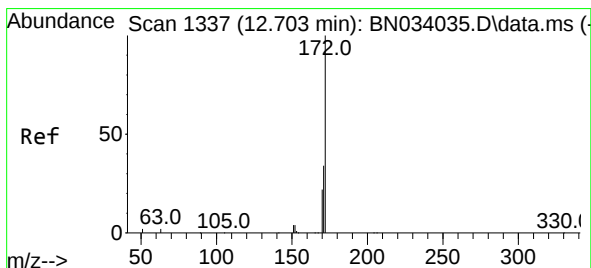
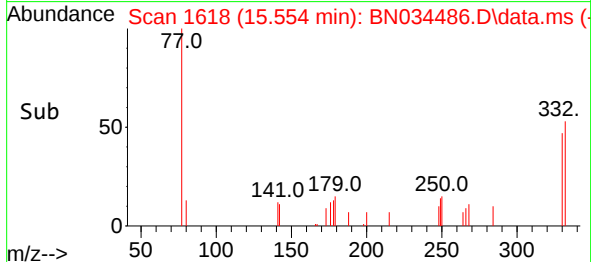
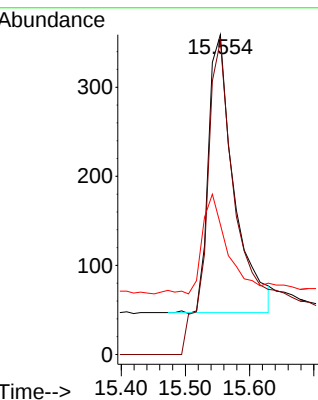
Tgt Ion:330 Resp: 836

Ion Ratio Lower Upper

330 100

332 140.7 77.4 116.0#

141 33.6 35.9 53.9#



#15

2-Fluorobiphenyl

Concen: 0.300 ng

RT: 12.650 min Scan# 1347

Delta R.T. -0.007 min

Lab File: BN034486.D

Acq: 09 Oct 2024 02:32

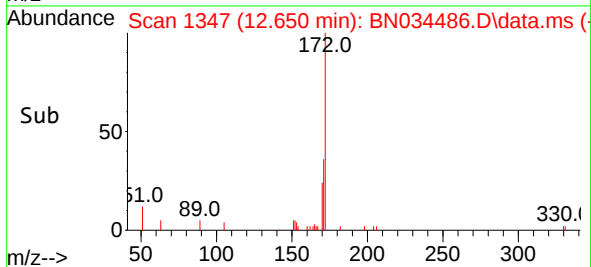
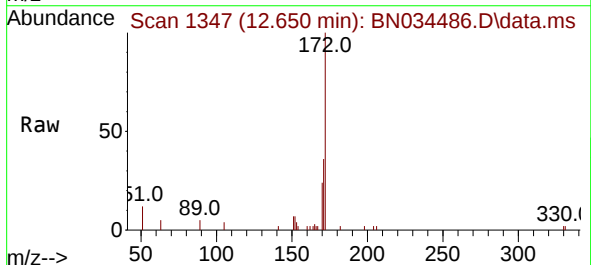
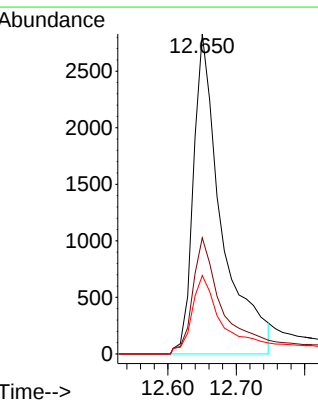
Tgt Ion:172 Resp: 7415

Ion Ratio Lower Upper

172 100

171 36.3 27.3 40.9

170 24.5 18.1 27.1

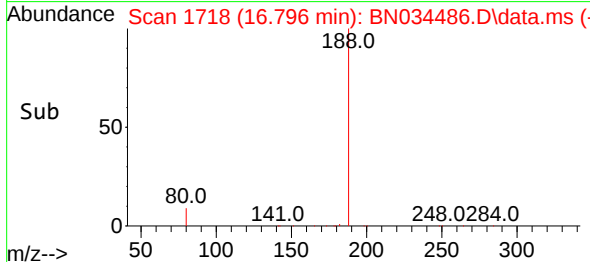
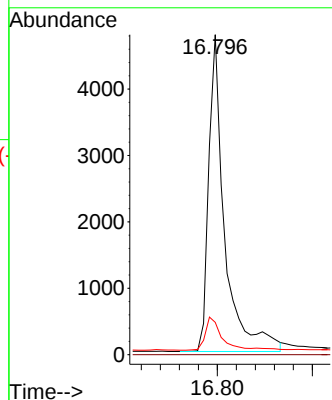
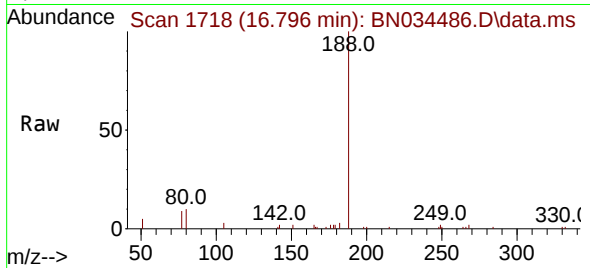




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.796 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN034486.D
Acq: 09 Oct 2024 02:32

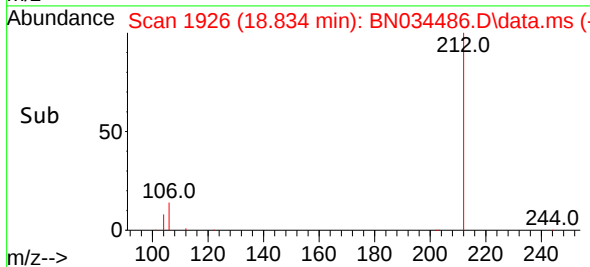
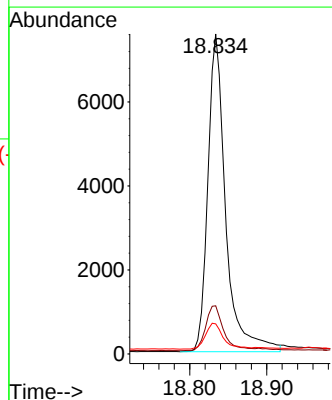
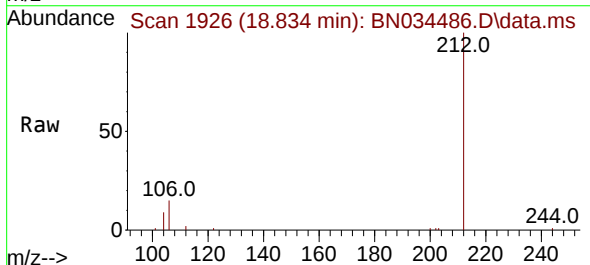
Instrument :
BNA_N
ClientSampleId :
TT161S1-20240925

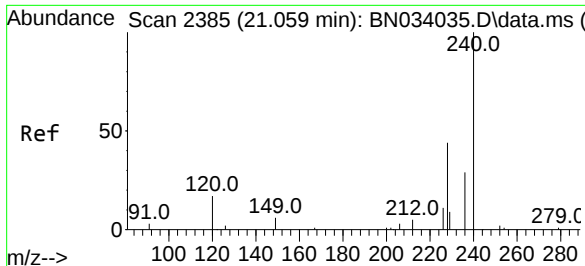
Tgt Ion:188 Resp: 11114
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 18.834 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BN034486.D
Acq: 09 Oct 2024 02:32

Tgt Ion:212 Resp: 12154
Ion Ratio Lower Upper
212 100
106 14.9 13.4 20.2
104 8.3 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 21

Delta R.T. -0.007 min

Lab File: BN034486.D

Acq: 09 Oct 2024 02:32

Instrument :

BNA_N

ClientSampleId :

TT161S1-20240925

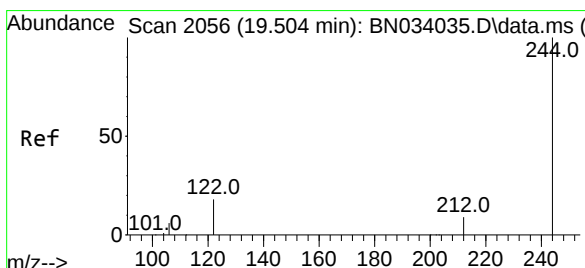
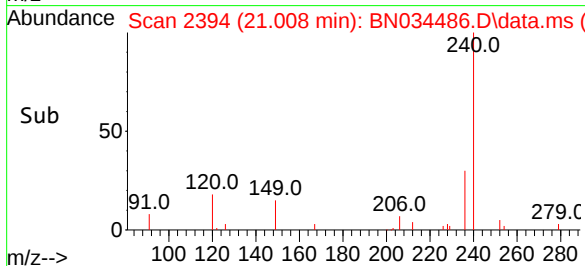
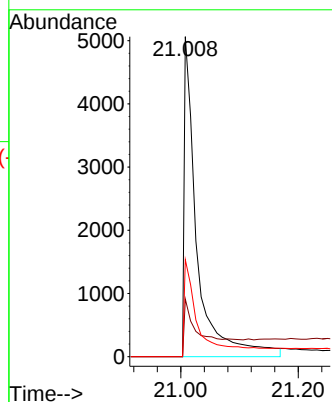
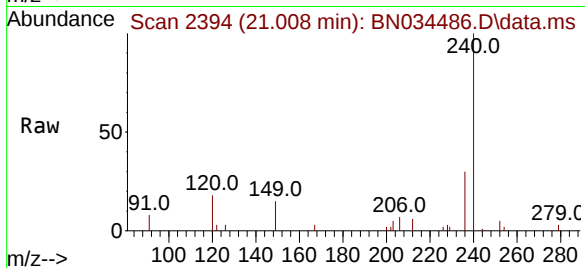
Tgt Ion:240 Resp: 7884

Ion Ratio Lower Upper

240 100

120 18.0 13.5 20.3

236 30.3 23.4 35.0



#31

Terphenyl-d14

Concen: 0.525 ng

RT: 19.452 min Scan# 2059

Delta R.T. -0.016 min

Lab File: BN034486.D

Acq: 09 Oct 2024 02:32

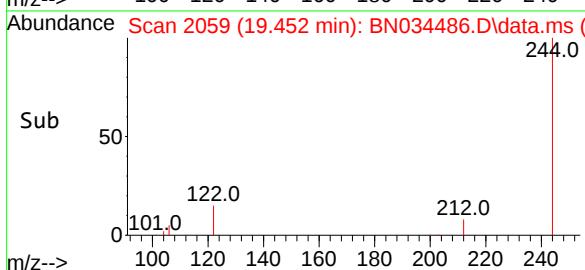
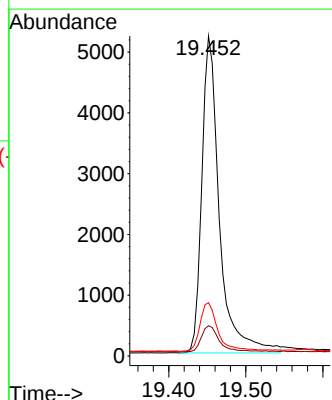
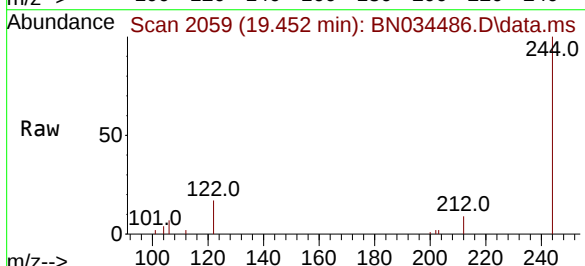
Tgt Ion:244 Resp: 8269

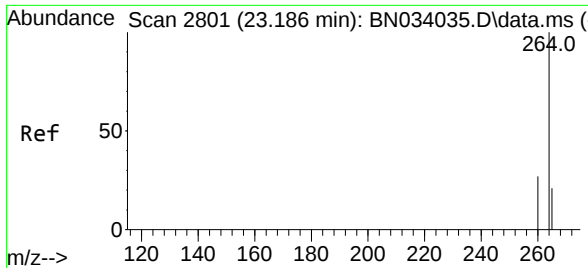
Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

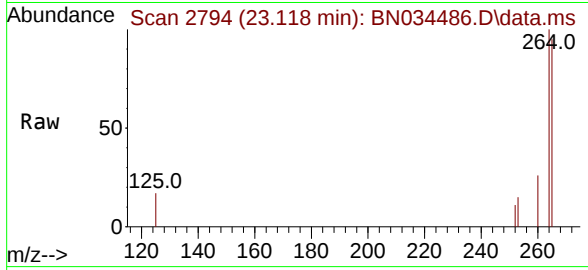
122 16.7 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.118 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN034486.D
Acq: 09 Oct 2024 02:32

Instrument :
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Tgt Ion:264 Resp: 9842
Ion Ratio Lower Upper
264 100
260 26.4 21.7 32.5
265 94.8 52.1 78.1#

