

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034488.D
 Acq On : 09 Oct 2024 03:44
 Operator : RC/JU
 Sample : P4226-13
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20240925

Quant Time: Oct 09 04:07:37 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)

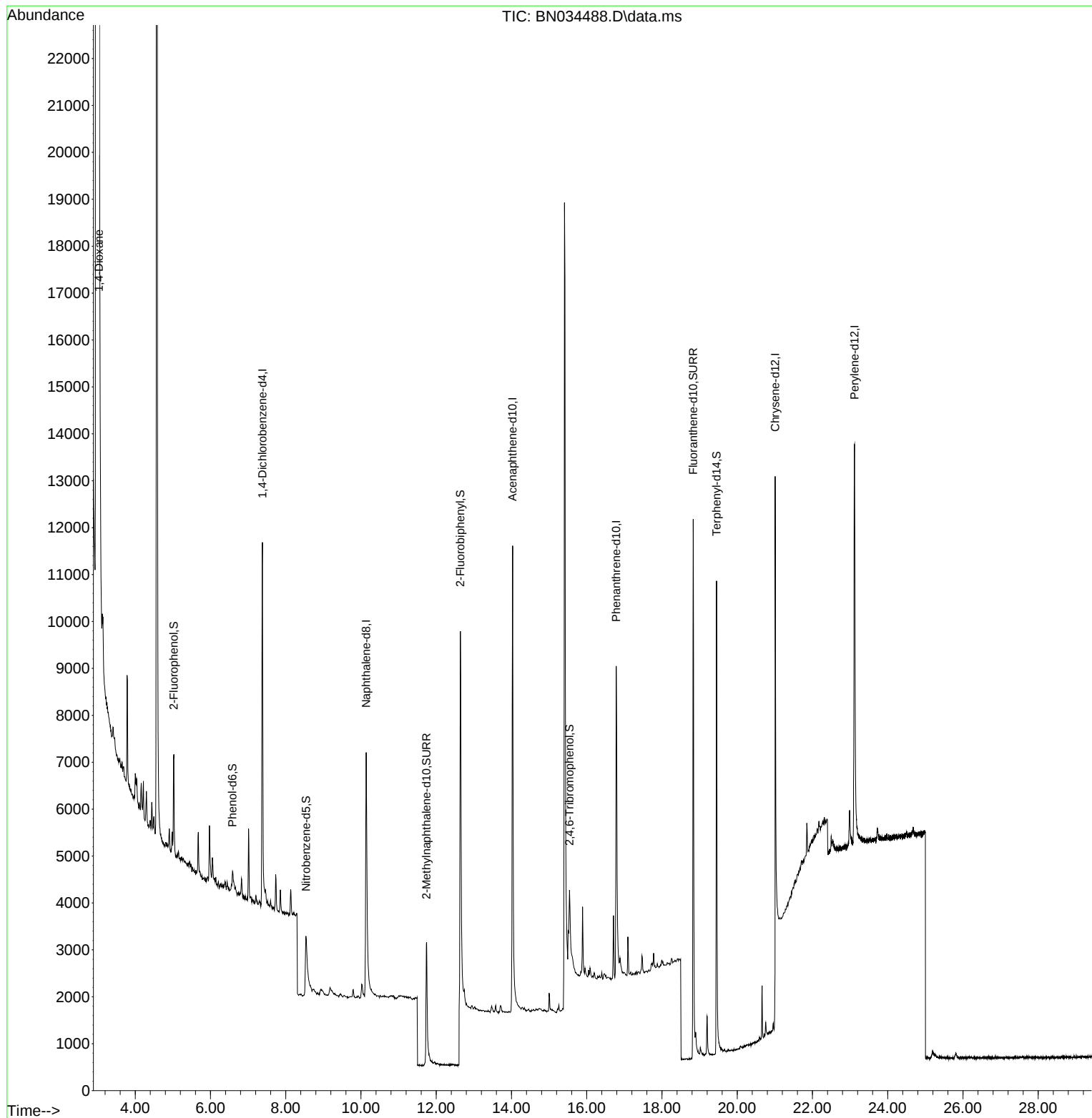
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4127	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	10962	0.400	ng	-0.01
13) Acenaphthene-d10	14.030	164	6631	0.400	ng	-0.02
19) Phenanthrene-d10	16.784	188	12298	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	9089	0.400	ng	0.00
35) Perylene-d12	23.119	264	12420	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	1829	0.156	ng	0.00
5) Phenol-d6	6.585	99	780	0.057	ng	-0.01
8) Nitrobenzene-d5	8.536	82	2233	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	11.738	152	5256	0.325	ng	-0.01
14) 2,4,6-Tribromophenol	15.542	330	1092	0.363	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	9985	0.370	ng	-0.02
27) Fluoranthene-d10	18.829	212	14438	0.465	ng	-0.02
31) Terphenyl-d14	19.452	244	11250	0.620	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.032	88	24433	4.735	ng	Qvalue 97

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

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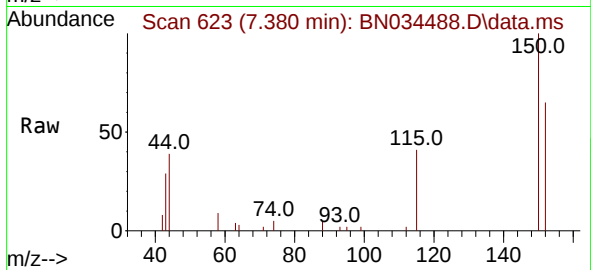
Quant Time: Oct 09 04:07:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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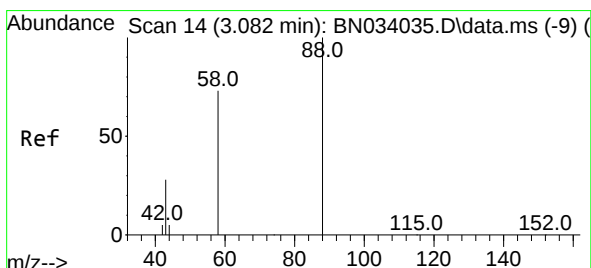
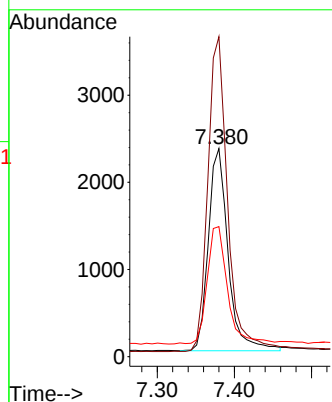
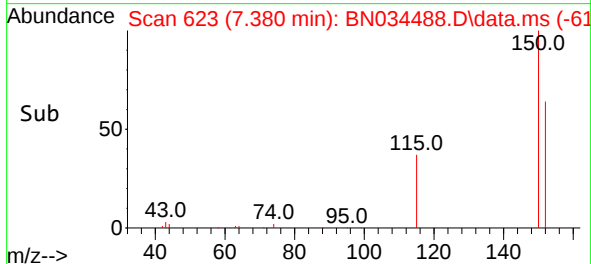


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

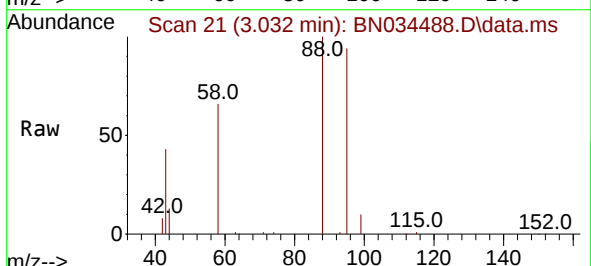
Instrument :
BNA_N
ClientSampleId :
TT101D2-20240925



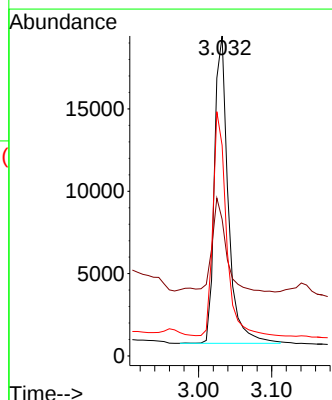
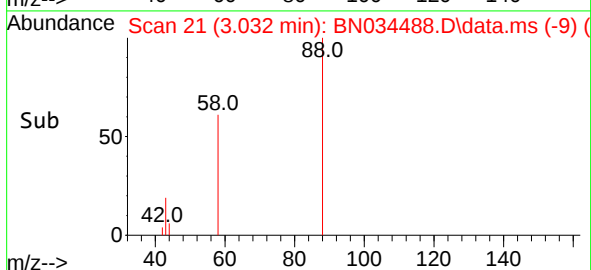
Tgt Ion:152 Resp: 4127
Ion Ratio Lower Upper
152 100
150 153.7 124.6 187.0
115 62.5 50.0 75.0



#2
1,4-Dioxane
Concen: 4.735 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44



Tgt Ion: 88 Resp: 24433
Ion Ratio Lower Upper
88 100
43 32.0 25.8 38.8
58 70.5 58.8 88.2

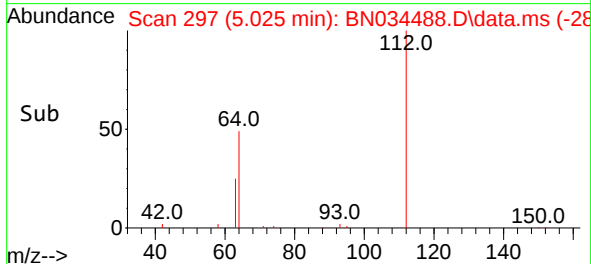
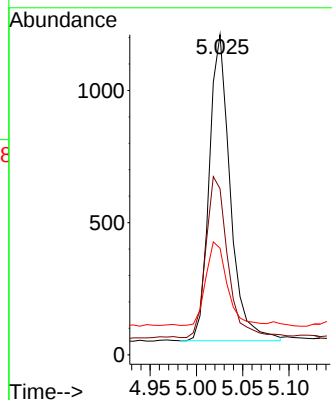
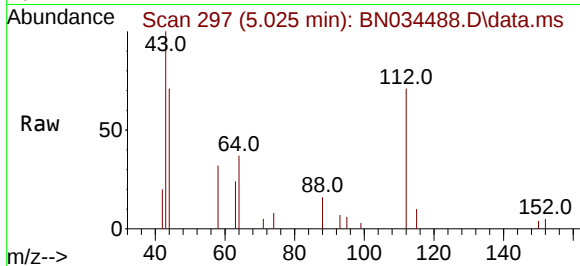




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.025 min Scan# 290
Delta R.T. -0.007 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

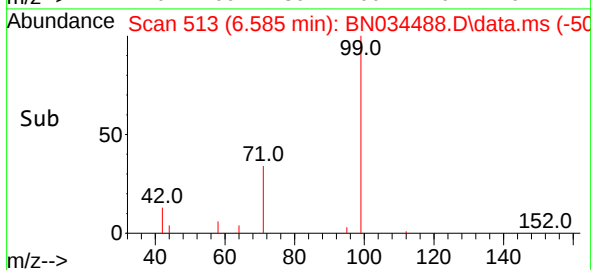
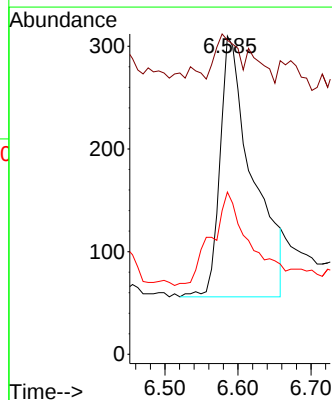
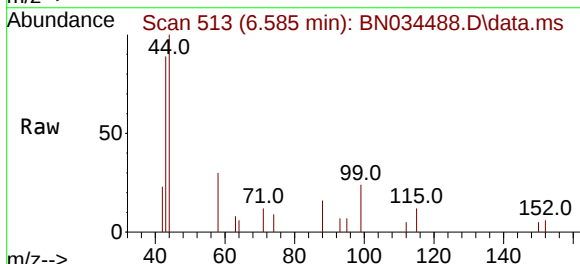
Instrument :
BNA_N
ClientSampleId :
TT101D2-20240925

Tgt Ion:112 Resp: 1829
Ion Ratio Lower Upper
112 100
64 54.8 48.6 72.8
63 27.6 25.6 38.4



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

Tgt Ion: 99 Resp: 780
Ion Ratio Lower Upper
99 100
42 11.2 17.8 26.8#
71 41.9 26.2 39.2#

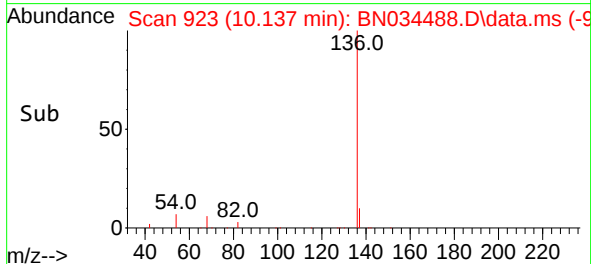
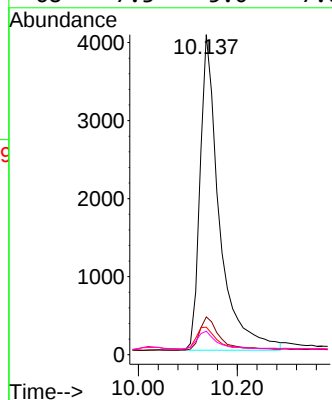
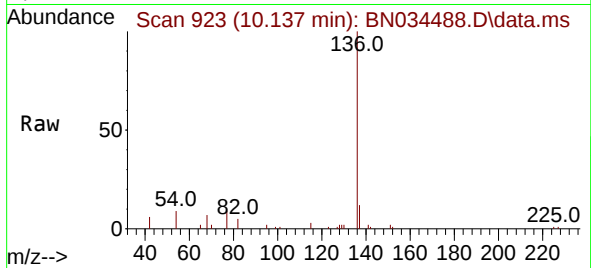




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

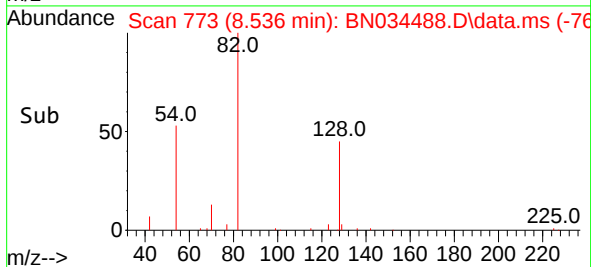
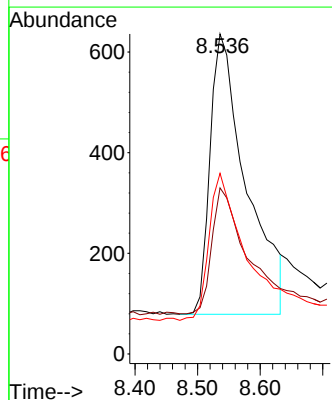
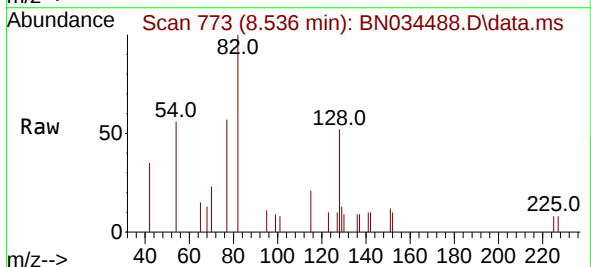
Instrument :
BNA_N
ClientSampleId :
TT101D2-20240925

Tgt Ion:136	Resp:	10962
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.0 13.6
54	8.6	6.8 10.2
68	7.3	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

Tgt Ion: 82	Resp:	2233
Ion Ratio	Lower	Upper
82	100	
128	51.9	31.4 47.2#
54	56.4	47.4 71.0

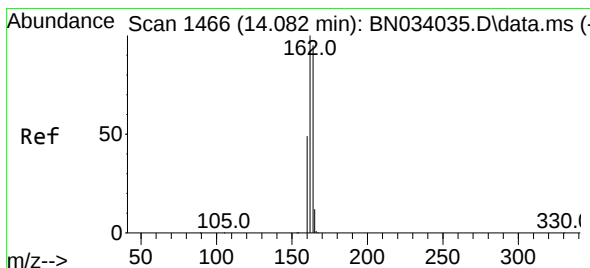
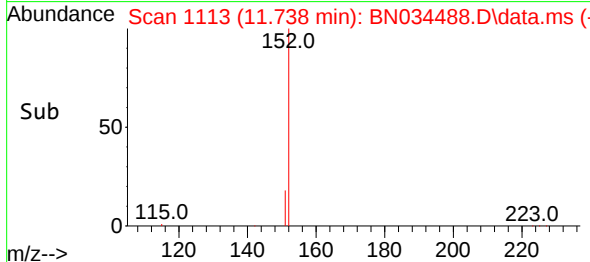
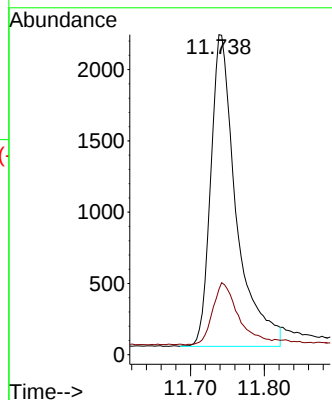
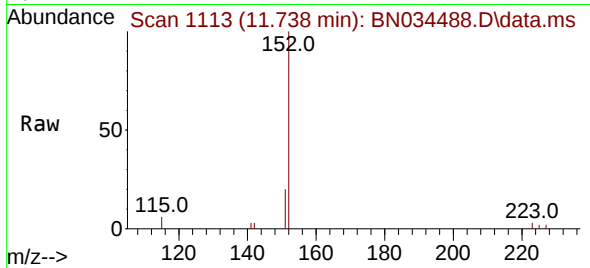




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 11.738 min Scan# 1113
Delta R.T. -0.015 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

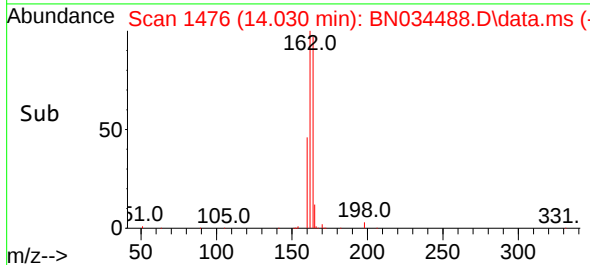
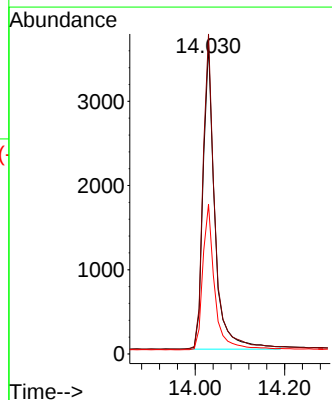
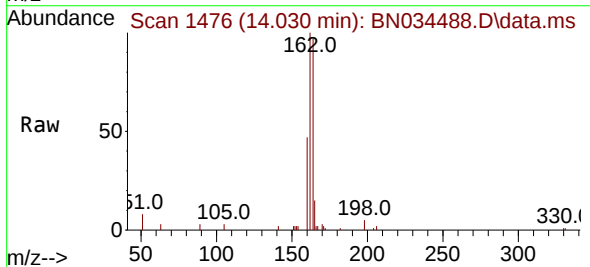
Instrument :
BNA_N
ClientSampleId :
TT101D2-20240925

Tgt Ion:152 Resp: 5256
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 1476
Delta R.T. -0.017 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

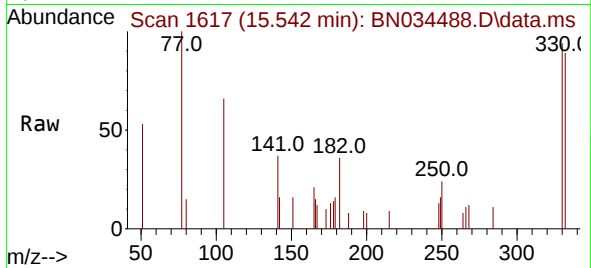
Tgt Ion:164 Resp: 6631
Ion Ratio Lower Upper
164 100
162 103.5 84.2 126.2
160 48.4 41.7 62.5



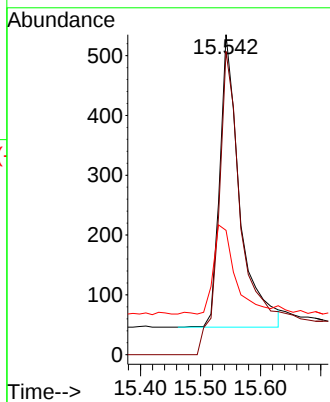
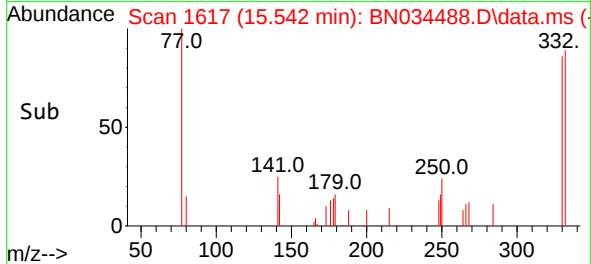


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.542 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

Instrument :
BNA_N
ClientSampleId :
TT101D2-20240925

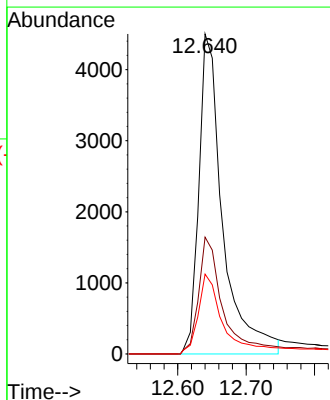
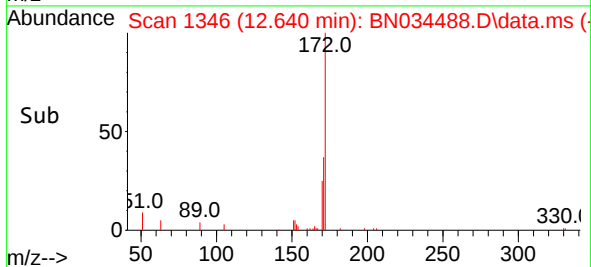
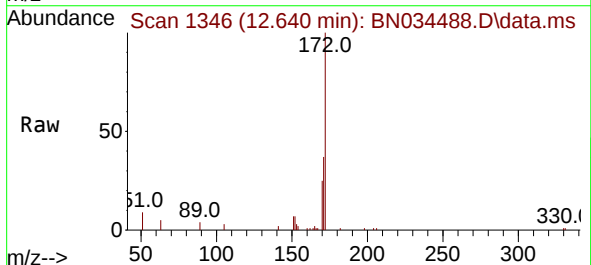


Tgt Ion: 330 Resp: 1092
Ion Ratio Lower Upper
330 100
332 129.5 77.4 116.0#
141 33.7 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.640 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

Tgt Ion: 172 Resp: 9985
Ion Ratio Lower Upper
172 100
171 36.5 27.3 40.9
170 25.0 18.1 27.1

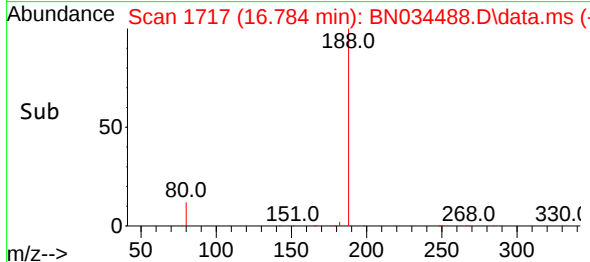
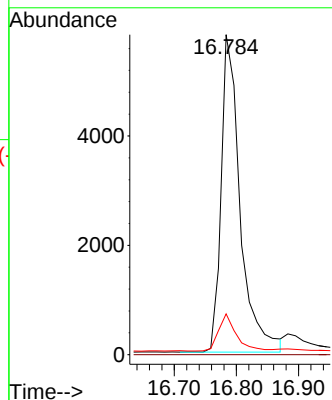
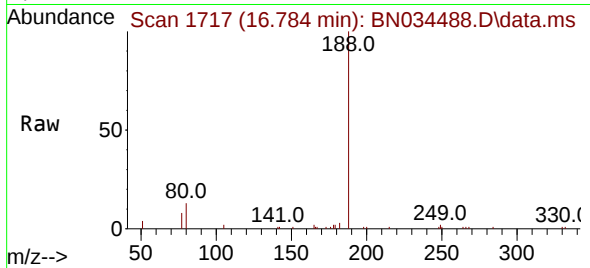




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.784 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

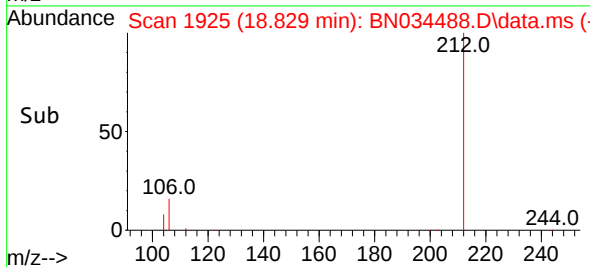
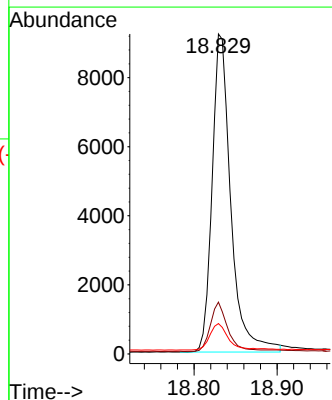
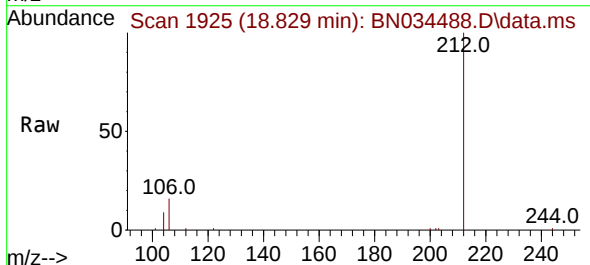
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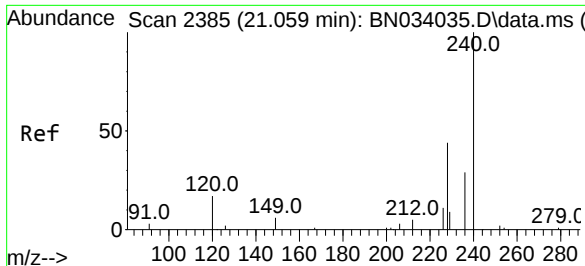
Tgt Ion:188 Resp: 12298
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.465 ng
RT: 18.829 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BN034488.D
Acq: 09 Oct 2024 03:44

Tgt Ion:212 Resp: 14438
Ion Ratio Lower Upper
212 100
106 14.4 13.4 20.2
104 8.5 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: BN034488.D

Acq: 09 Oct 2024 03:44

Instrument :

BNA_N

ClientSampleId :

TT101D2-20240925

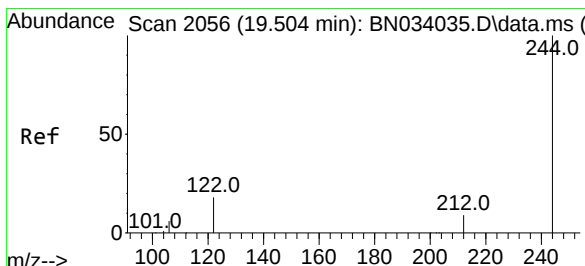
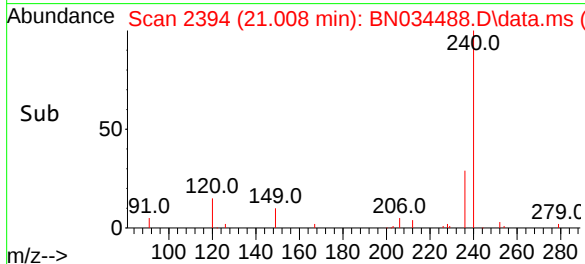
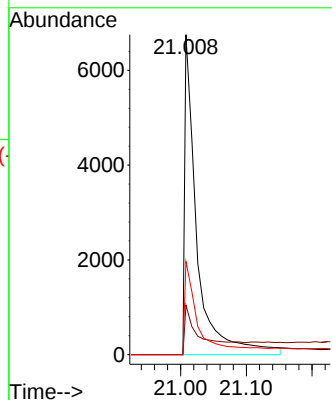
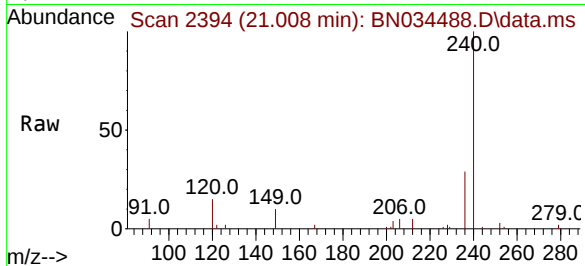
Tgt Ion:240 Resp: 9089

Ion Ratio Lower Upper

240 100

120 15.4 13.5 20.3

236 29.1 23.4 35.0



#31

Terphenyl-d14

Concen: 0.620 ng

RT: 19.452 min Scan# 2059

Delta R.T. -0.016 min

Lab File: BN034488.D

Acq: 09 Oct 2024 03:44

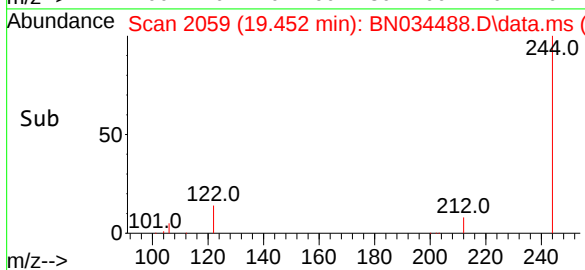
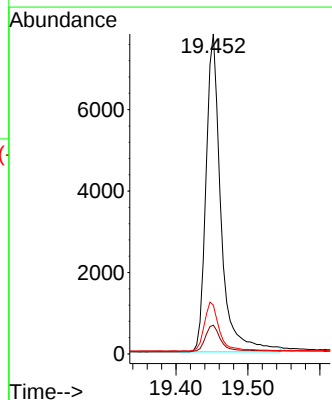
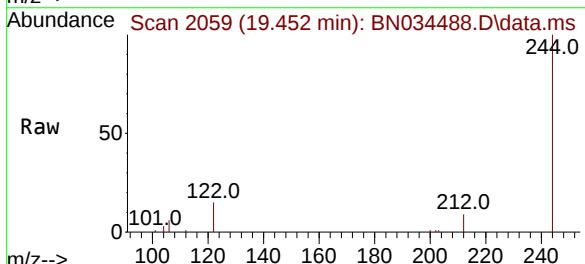
Tgt Ion:244 Resp: 11250

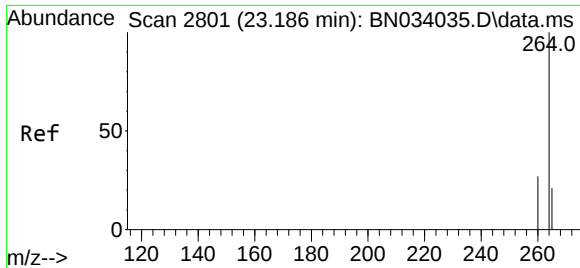
Ion Ratio Lower Upper

244 100

212 9.0 7.8 11.6

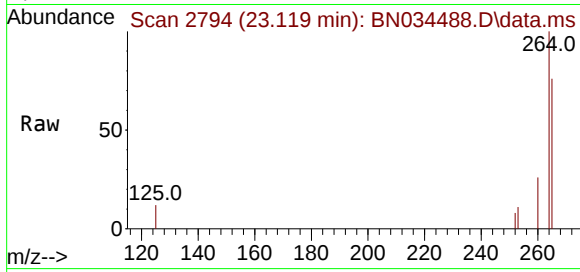
122 15.3 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.119 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN034488.D
 Acq: 09 Oct 2024 03:44

Instrument :
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 TT101D2-20240925



Tgt Ion:264 Resp: 12420
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.7 32.5
 265 76.4 52.1 78.1

