

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034256.D
 Acq On : 26 Sep 2024 22:11
 Operator : RC/JU
 Sample : P4164-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20240923

Quant Time: Sep 27 01:03:06 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)

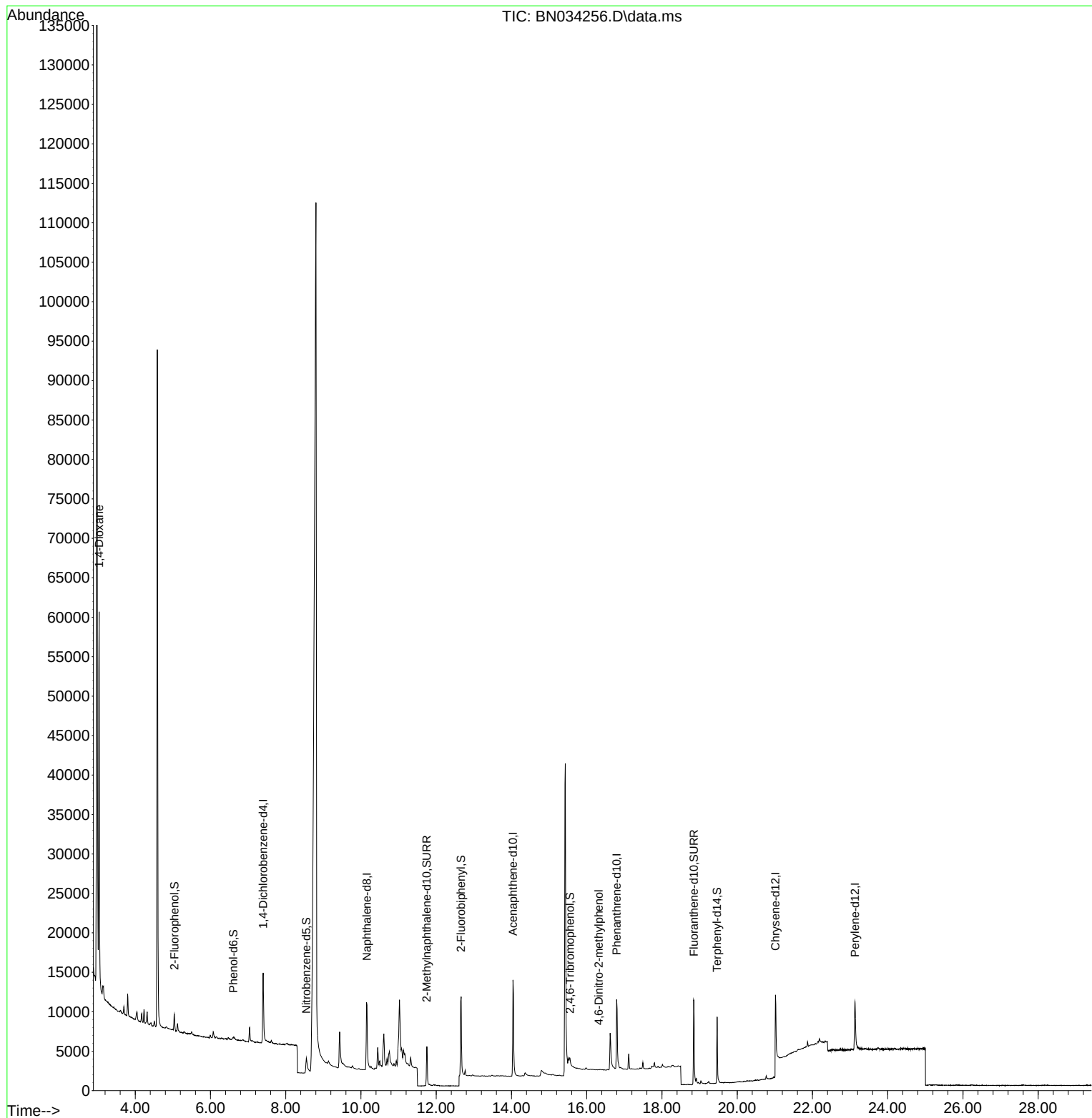
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.401	152	5297	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	14815	0.400	ng	0.01
13) Acenaphthene-d10	14.040	164	7830	0.400	ng	0.00
19) Phenanthrene-d10	16.796	188	14821	0.400	ng	# 0.00
29) Chrysene-d12	21.017	240	9879	0.400	ng	# 0.00
35) Perylene-d12	23.130	264	9250	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1649	0.110	ng	0.00
5) Phenol-d6	6.607	99	644	0.037	ng	0.00
8) Nitrobenzene-d5	8.546	82	2771	0.245	ng	0.01
11) 2-Methylnaphthalene-d10	11.750	152	7475	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	642	0.181	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	10180	0.320	ng	0.00
27) Fluoranthene-d10	18.848	212	13159	0.352	ng	0.00
31) Terphenyl-d14	19.466	244	8350	0.423	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	24316	3.672	ng	# 86
20) 4,6-Dinitro-2-methylph...	16.324	198	6	0.140	ng	# 1

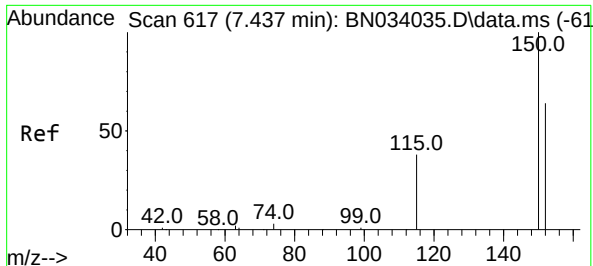
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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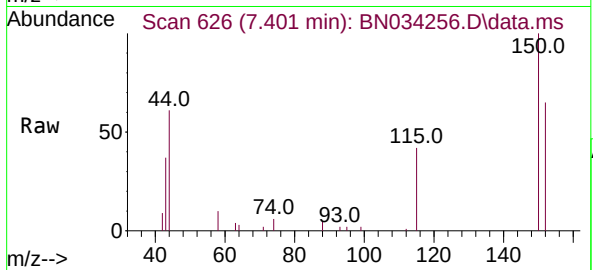
Quant Time: Sep 27 01:03:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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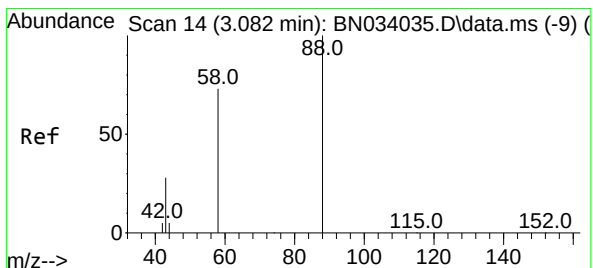
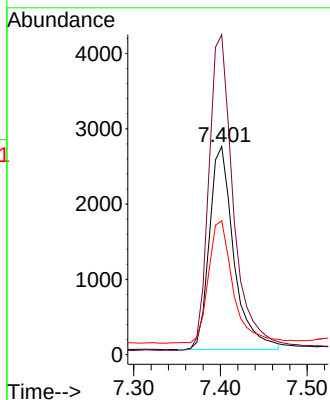
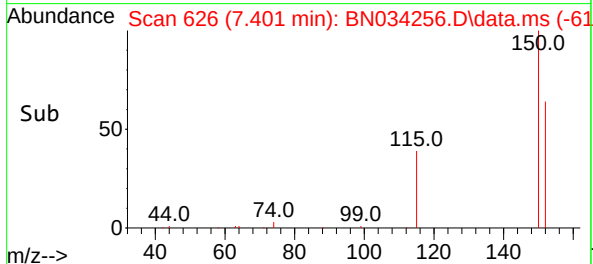


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.401 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

Instrument :
BNA_N
ClientSampleId :
TT180D1-20240923

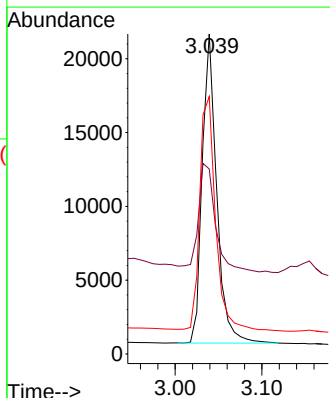
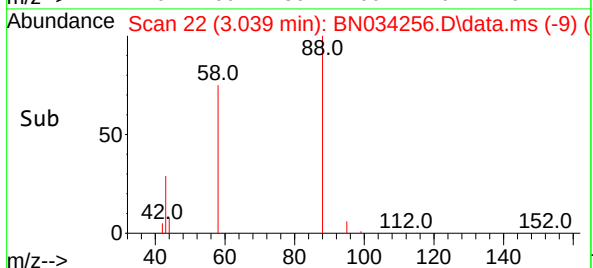
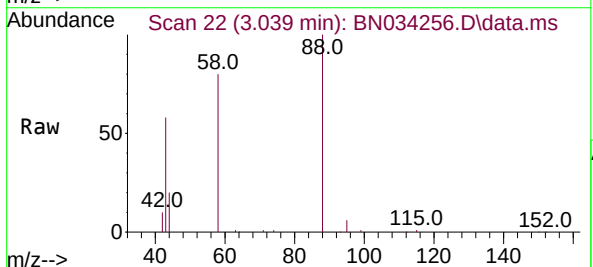


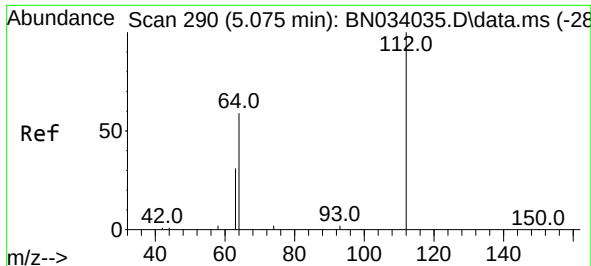
Tgt Ion:152 Resp: 5297
Ion Ratio Lower Upper
152 100
150 153.7 124.6 187.0
115 64.3 50.0 75.0



#2
1,4-Dioxane
Concen: 3.672 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

Tgt Ion: 88 Resp: 24316
Ion Ratio Lower Upper
88 100
43 42.8 25.8 38.8#
58 83.2 58.8 88.2

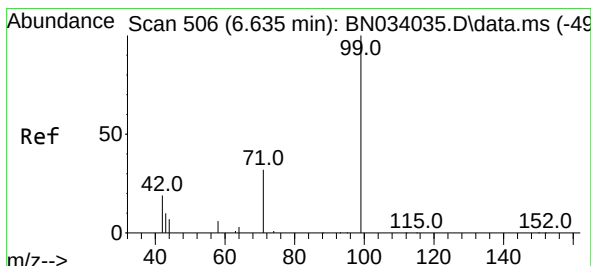
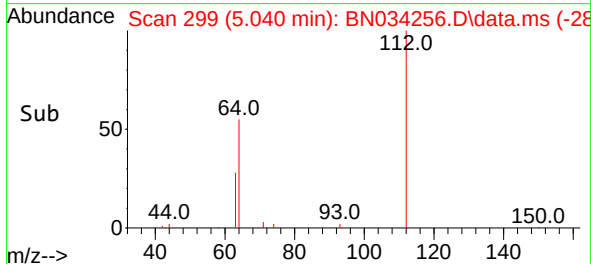
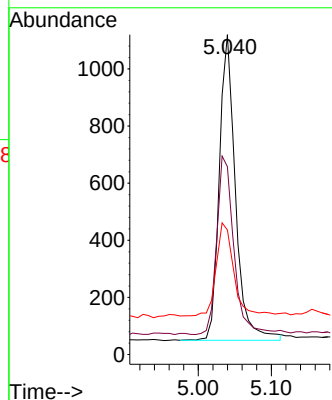
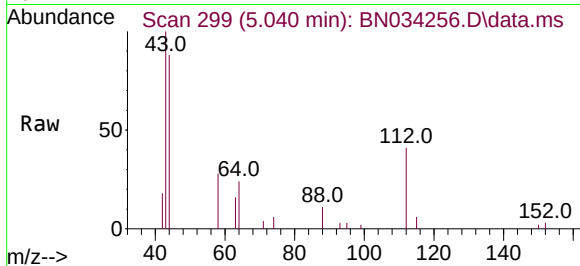




#4
2-Fluorophenol
Concen: 0.110 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

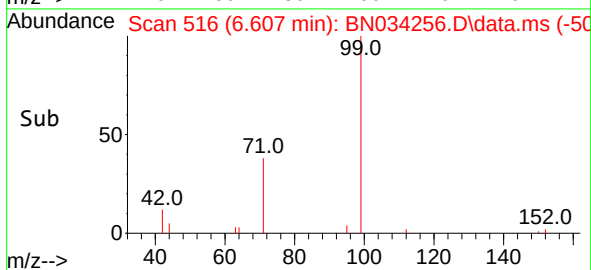
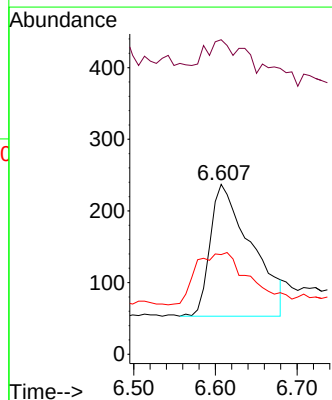
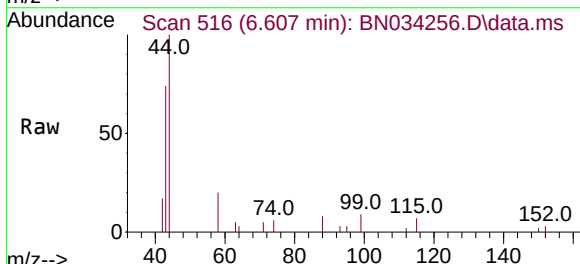
Instrument :
BNA_N
ClientSampleId :
TT180D1-20240923

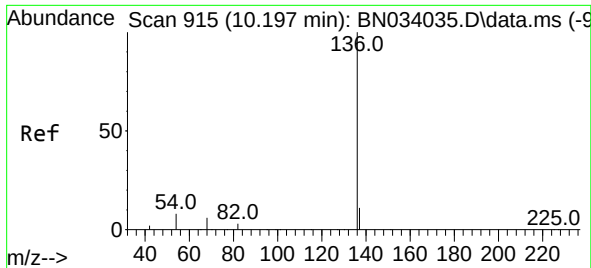
Tgt Ion:112 Resp: 1649
Ion Ratio Lower Upper
112 100
64 61.7 48.6 72.8
63 32.4 25.6 38.4



#5
Phenol-d6
Concen: 0.037 ng
RT: 6.607 min Scan# 516
Delta R.T. 0.007 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

Tgt Ion: 99 Resp: 644
Ion Ratio Lower Upper
99 100
42 10.4 17.8 26.8#
71 49.5 26.2 39.2#

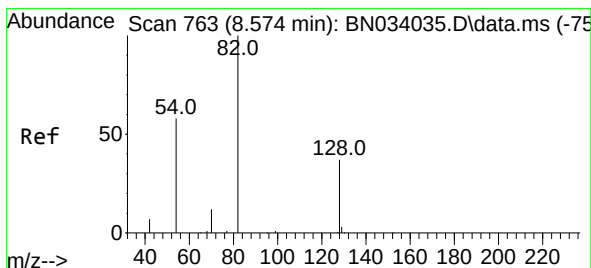
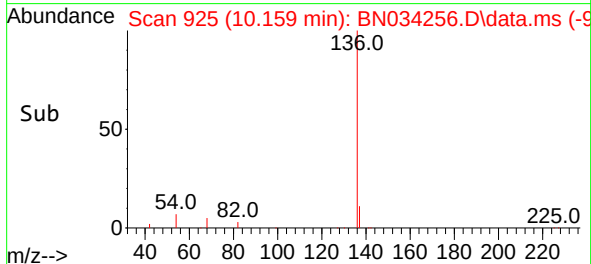
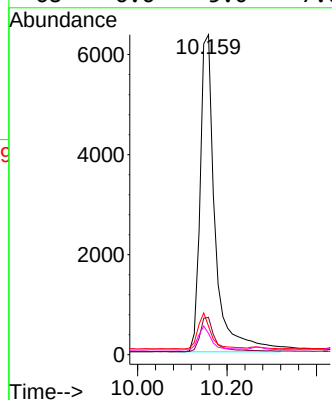
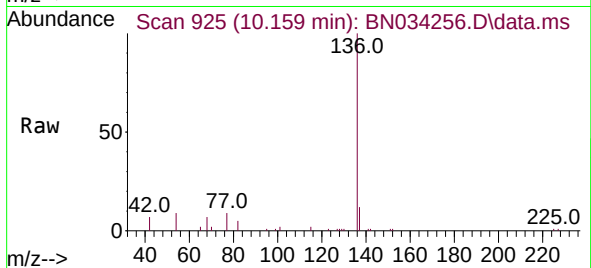




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

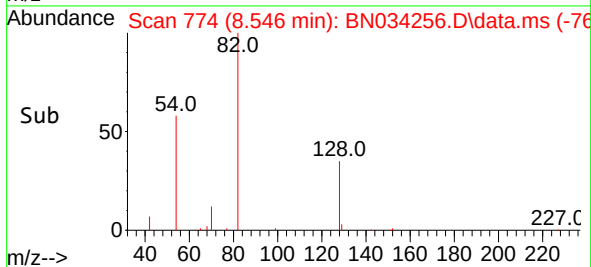
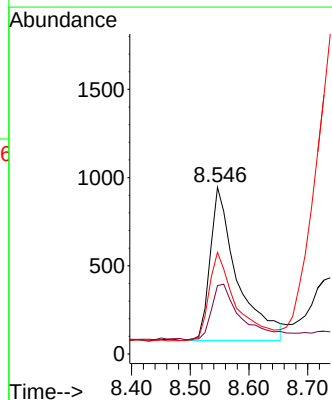
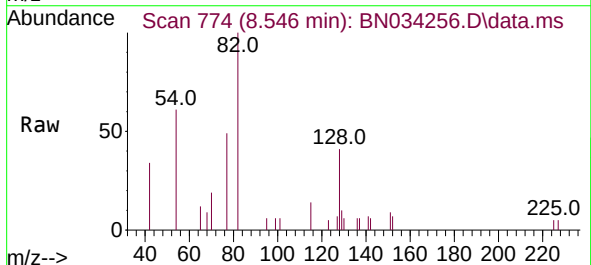
Instrument :
BNA_N
ClientSampleId :
TT180D1-20240923

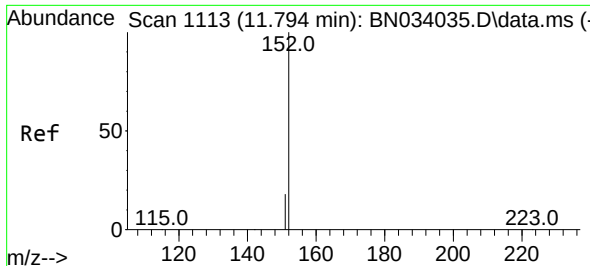
Tgt Ion:	136	Resp:	14815
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	8.9	6.8	10.2
68	6.6	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.245 ng
RT: 8.546 min Scan# 774
Delta R.T. 0.011 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

Tgt Ion:	82	Resp:	2771
Ion Ratio	Lower	Upper	
82	100		
128	41.1	31.4	47.2
54	61.0	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 11.750 min Scan# 1116

Delta R.T. -0.004 min

Lab File: BN034256.D

Acq: 26 Sep 2024 22:11

Instrument :

BNA_N

ClientSampleId :

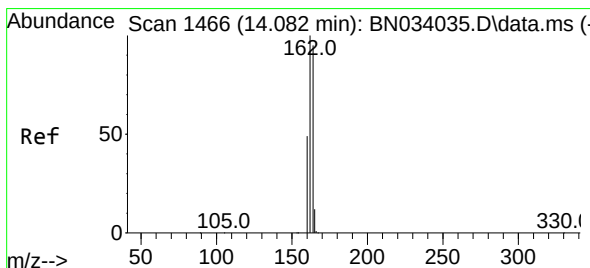
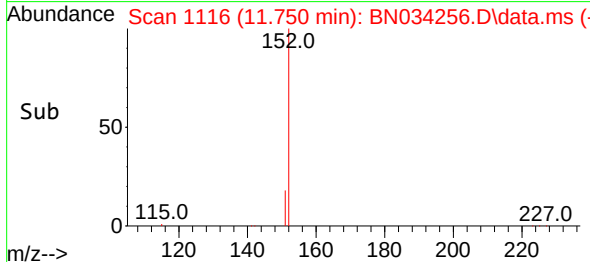
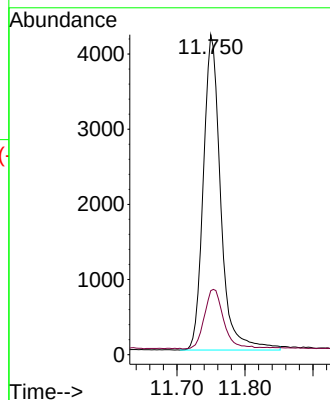
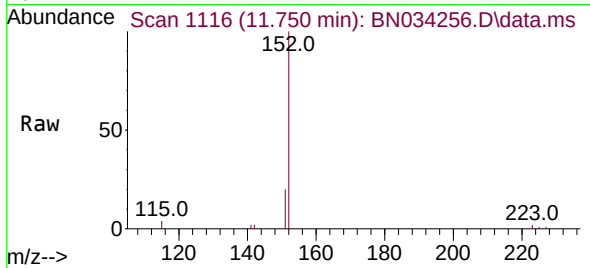
TT180D1-20240923

Tgt Ion:152 Resp: 7475

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.040 min Scan# 1477

Delta R.T. -0.007 min

Lab File: BN034256.D

Acq: 26 Sep 2024 22:11

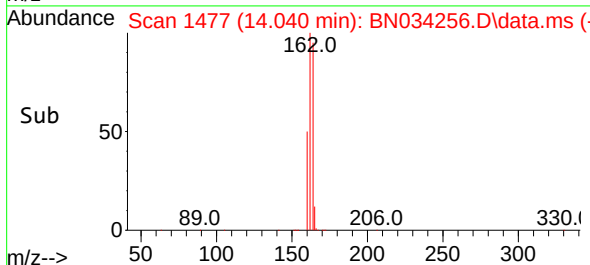
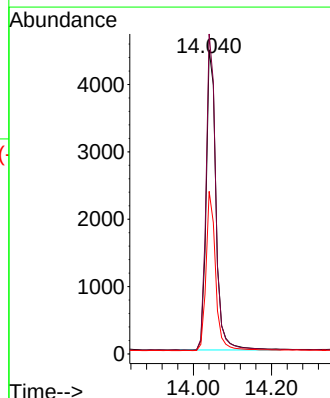
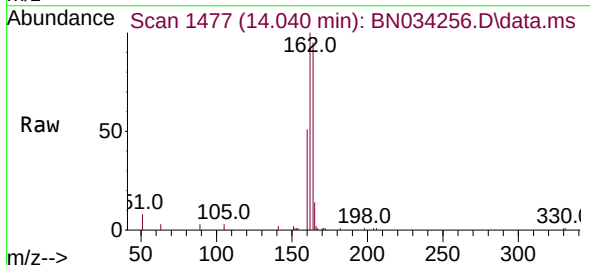
Tgt Ion:164 Resp: 7830

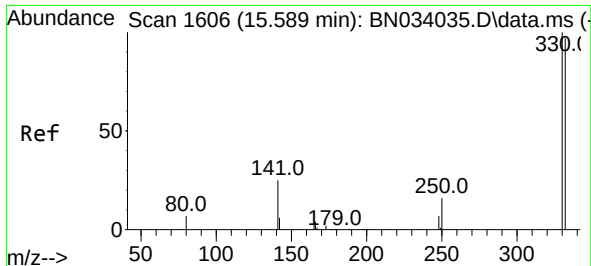
Ion Ratio Lower Upper

164 100

162 105.2 84.2 126.2

160 53.4 41.7 62.5

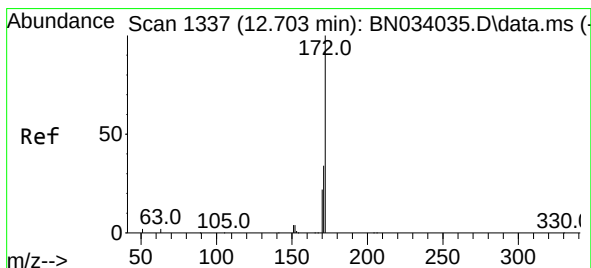
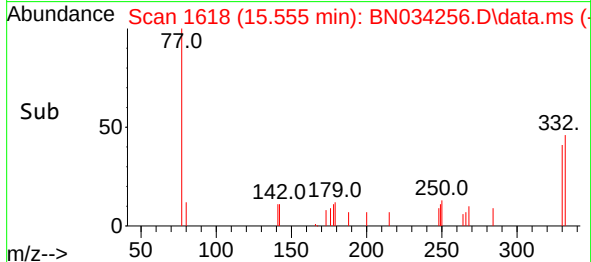
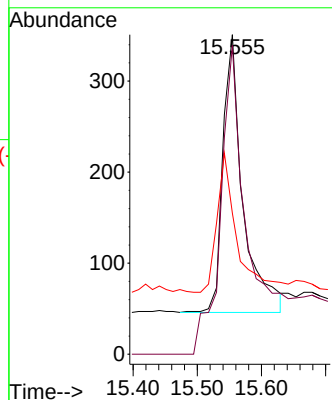
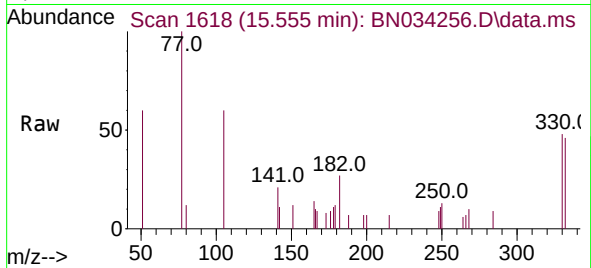




#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

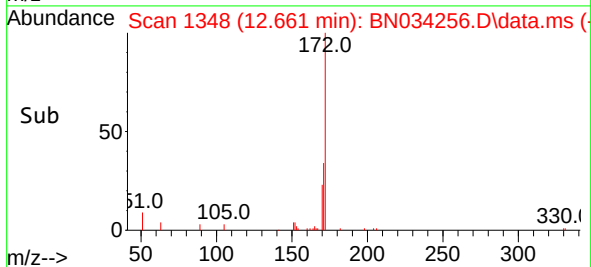
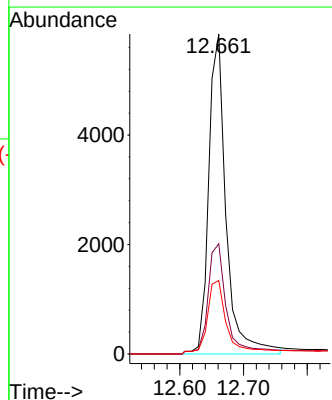
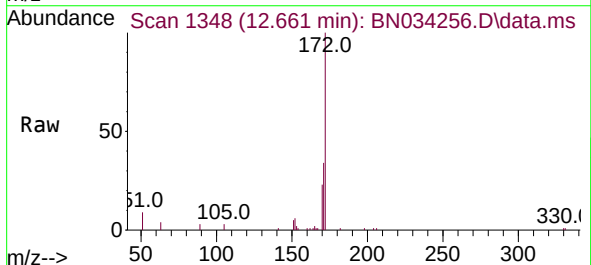
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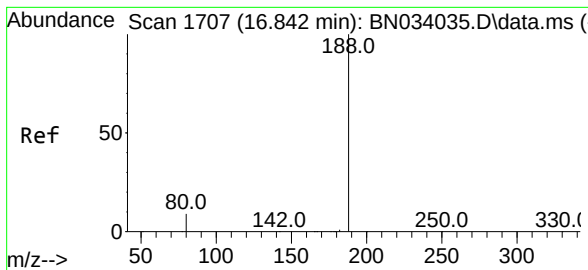
Tgt Ion:330 Resp: 642
Ion Ratio Lower Upper
330 100
332 158.4 77.4 116.0#
141 51.6 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

Tgt Ion:172 Resp: 10180
Ion Ratio Lower Upper
172 100
171 34.5 27.3 40.9
170 23.0 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.796 min Scan# 1

Delta R.T. -0.007 min

Lab File: BN034256.D

Acq: 26 Sep 2024 22:11

Instrument :

BNA_N

ClientSampleId :

TT180D1-20240923

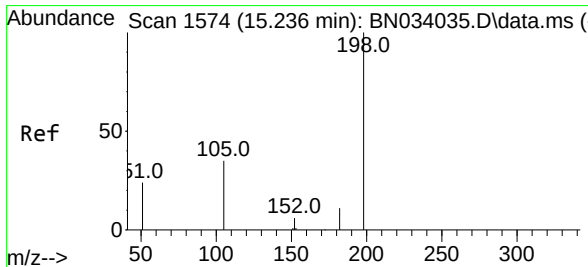
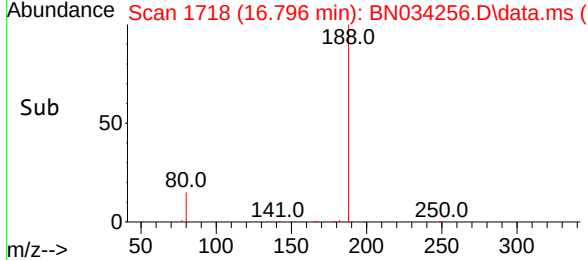
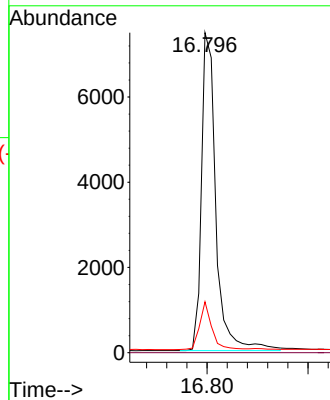
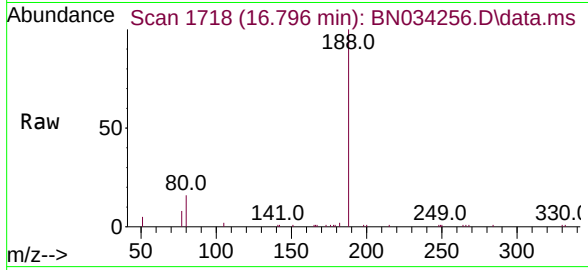
Tgt Ion:188 Resp: 14821

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.9 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 16.324 min Scan# 1680

Delta R.T. 0.018 min

Lab File: BN034256.D

Acq: 26 Sep 2024 22:11

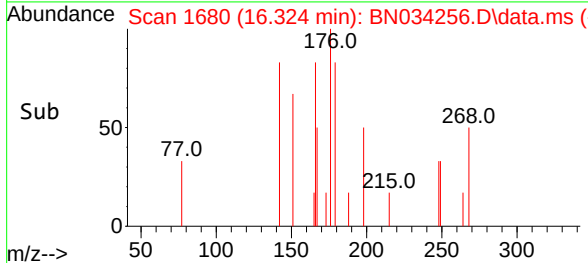
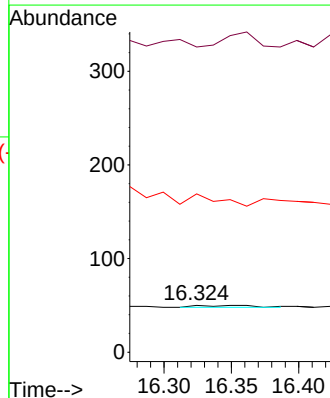
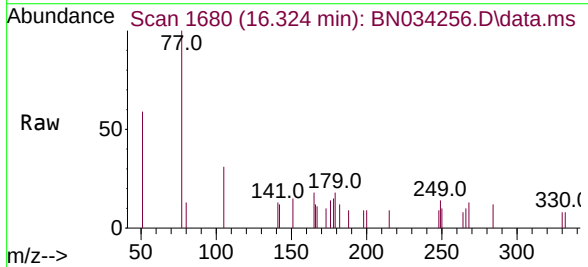
Tgt Ion:198 Resp: 6

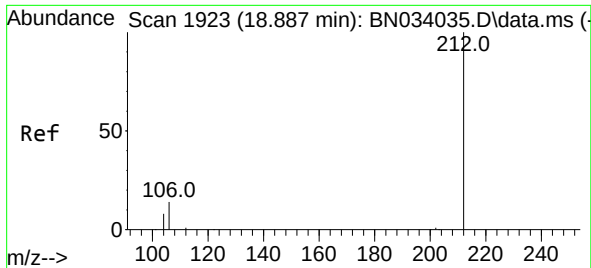
Ion Ratio Lower Upper

198 100

51 652.0 106.4 159.6#

105 338.0 38.5 57.7#

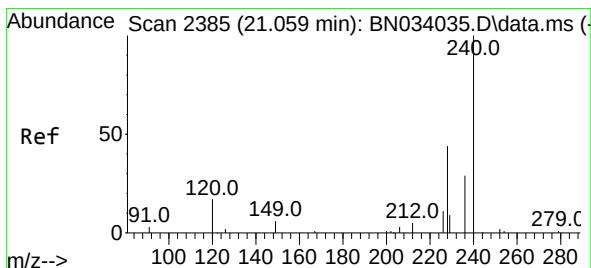
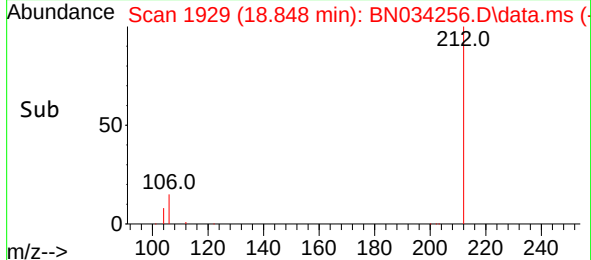
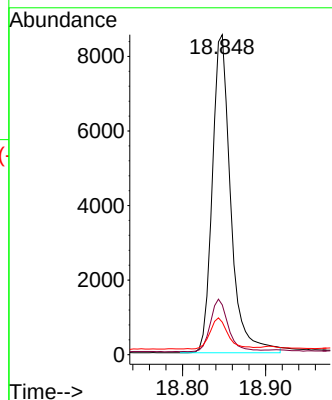
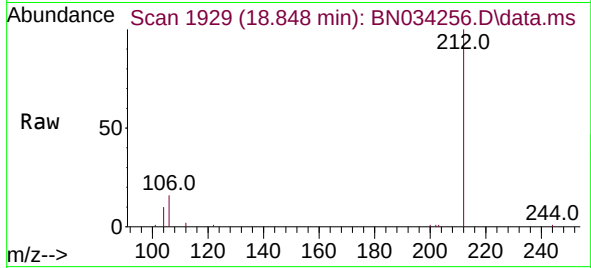




#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 18.848 min Scan# 1929
Delta R.T. 0.002 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

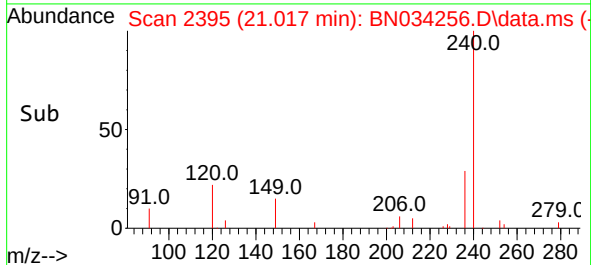
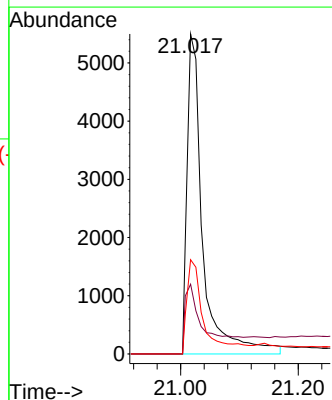
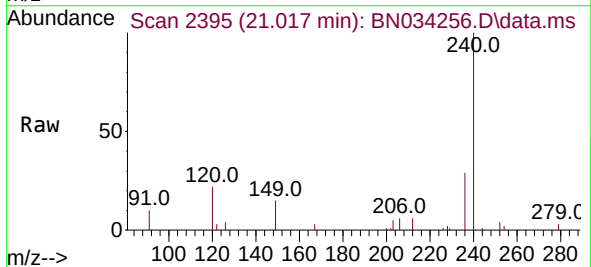
Instrument :
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TT180D1-20240923

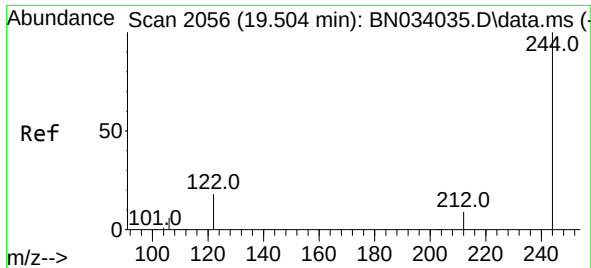
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.0	13.4	20.2
104	9.4	7.8	11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.002 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

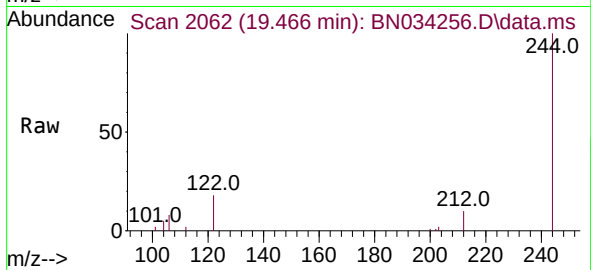
Tgt Ion	Ratio	Lower	Upper
240	100		
120	21.8	13.5	20.3
236	29.4	23.4	35.0



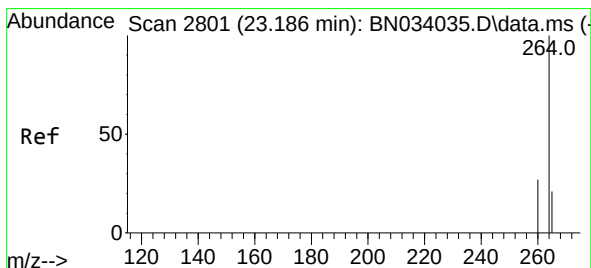
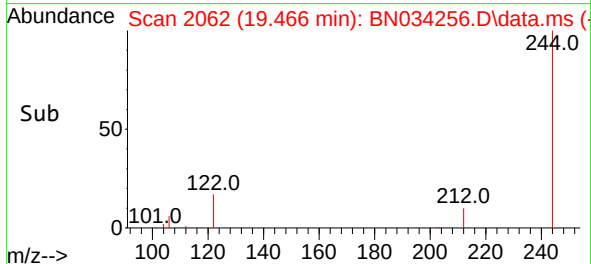
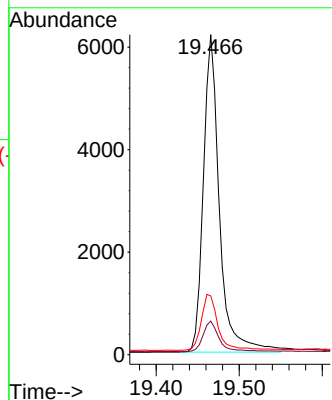


#31
Terphenyl-d14
Concen: 0.423 ng
RT: 19.466 min Scan# 2056
Delta R.T. -0.002 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

Instrument :
BNA_N
ClientSampleId :
TT180D1-20240923



Tgt Ion:244 Resp: 8350
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.6
122 18.3 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.130 min Scan# 2798
Delta R.T. 0.002 min
Lab File: BN034256.D
Acq: 26 Sep 2024 22:11

Tgt Ion:264 Resp: 9250
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 92.9 52.1 78.1#

