

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037185.D
 Acq On : 05 Jun 2025 18:10
 Operator : RC/JU
 Sample : Q2200-05DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-060325DL

Quant Time: Jun 05 18:41:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

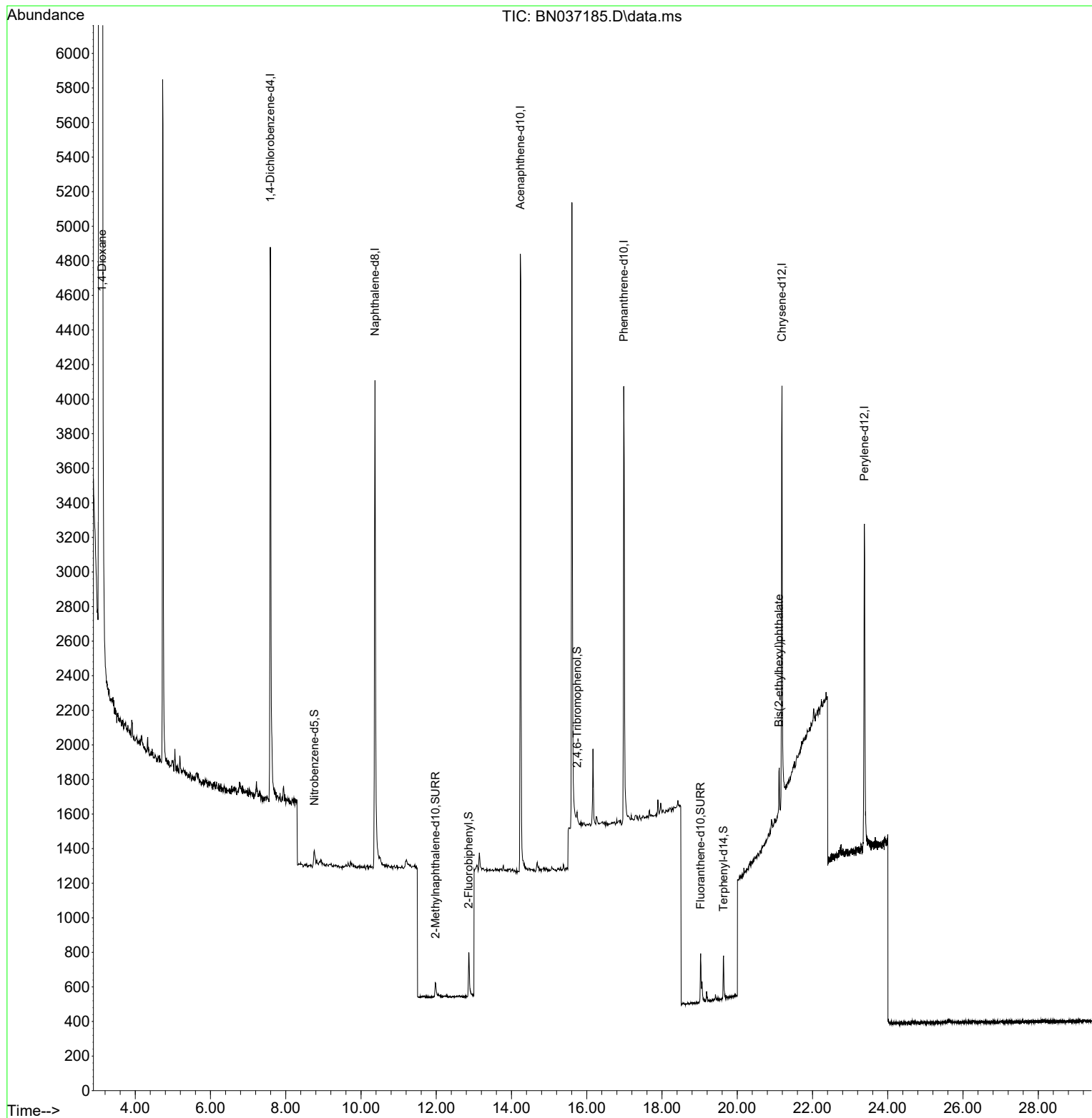
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1668	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4203	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2312	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4171	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2654	0.400	ng	0.00
35) Perylene-d12	23.377	264	2589	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	65	0.016	ng	0.00
5) Phenol-d6	6.773	99	43	0.009	ng	0.00
8) Nitrobenzene-d5	8.760	82	160	0.036	ng	0.02
11) 2-Methylnaphthalene-d10	11.981	152	181	0.031	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	42	0.045	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	325	0.033	ng	0.00
27) Fluoranthene-d10	19.026	212	390	0.037	ng	0.00
31) Terphenyl-d14	19.635	244	283	0.045	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.119					

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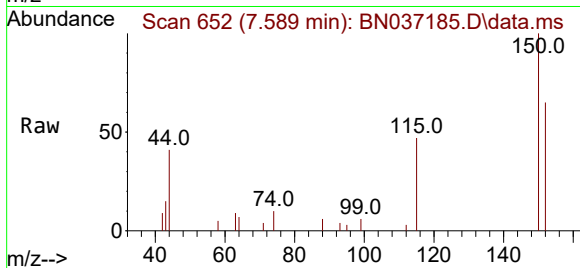
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
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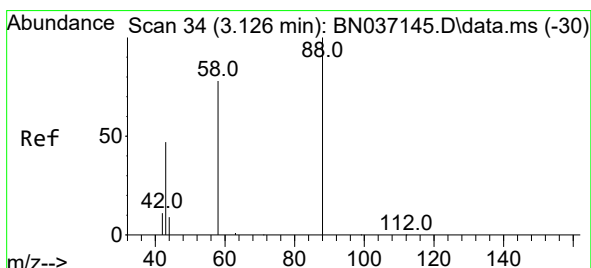
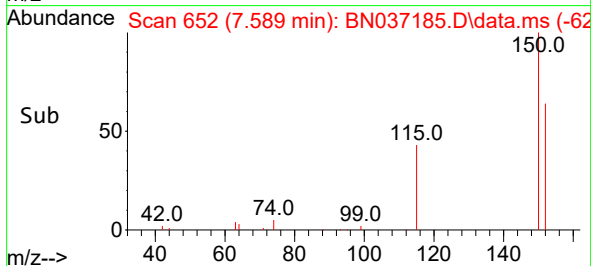
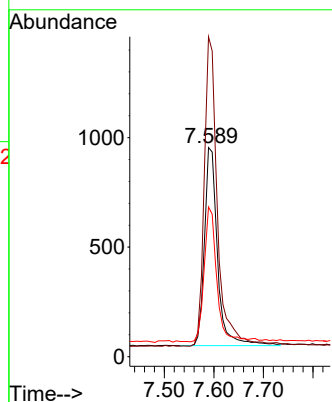


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037185.D
 Acq: 05 Jun 2025 18:10

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-060325DL

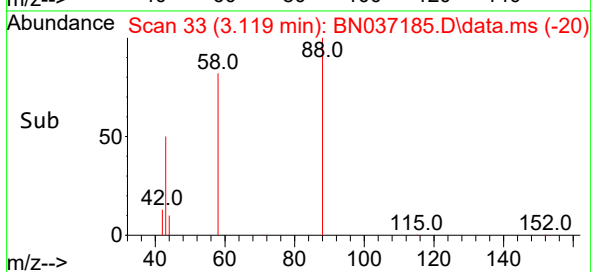
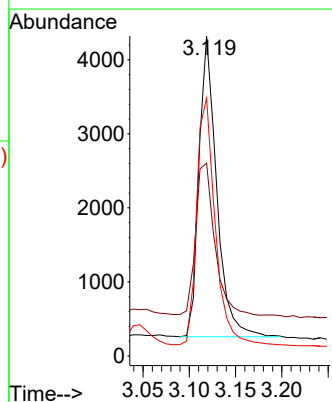
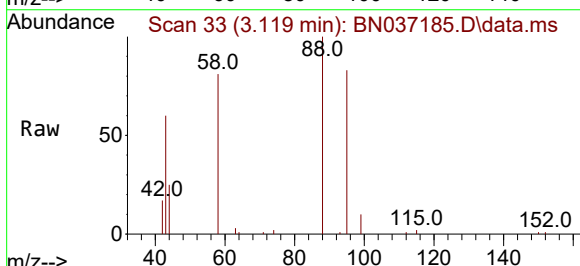


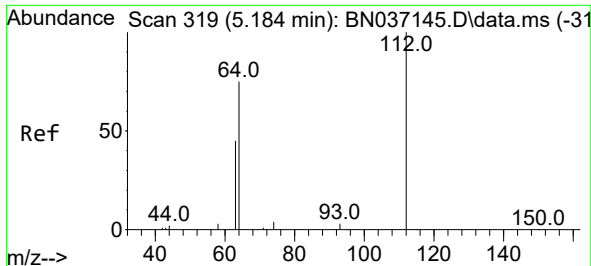
Tgt Ion:152 Resp: 1668
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.2 184.8
 115 71.6 56.6 85.0



#2
 1,4-Dioxane
 Concen: 2.437 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037185.D
 Acq: 05 Jun 2025 18:10

Tgt Ion: 88 Resp: 5418
 Ion Ratio Lower Upper
 88 100
 43 55.0 43.5 65.3
 58 85.6 67.7 101.5

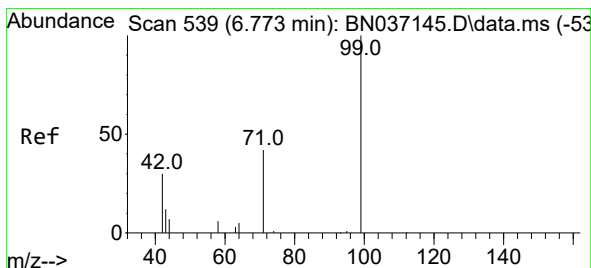
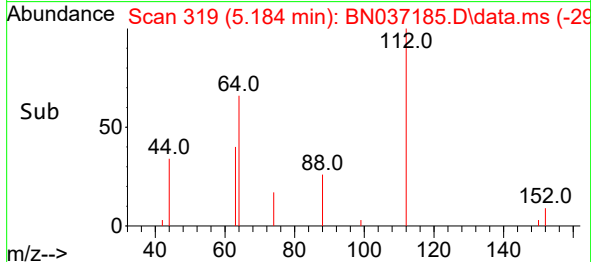
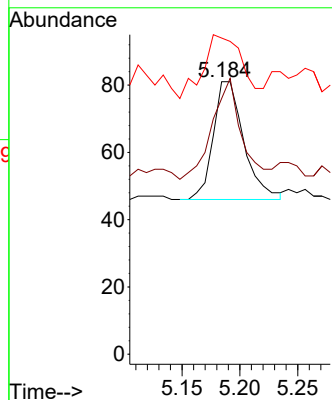
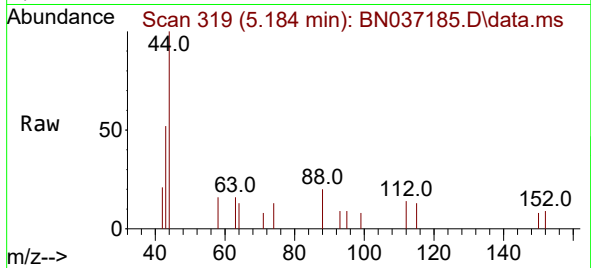




#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

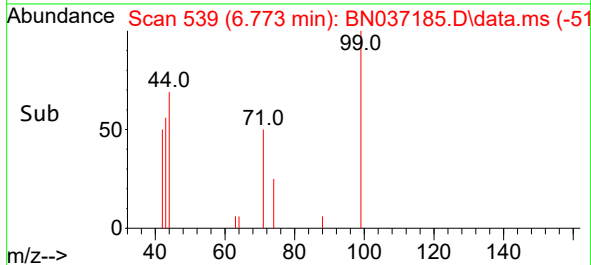
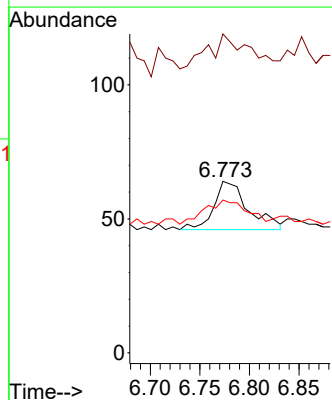
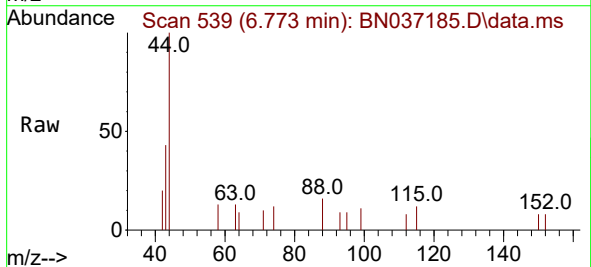
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

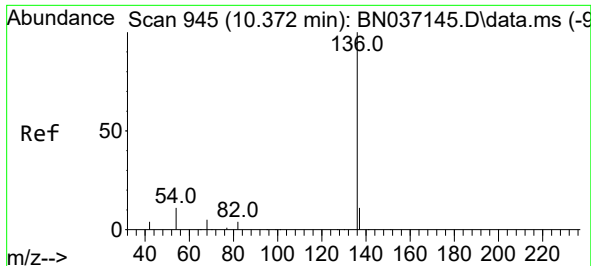
Tgt Ion:112 Resp: 65
Ion Ratio Lower Upper
112 100
64 78.5 56.3 84.5
63 64.6 36.2 54.4#



#5
Phenol-d6
Concen: 0.009 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion: 99 Resp: 43
Ion Ratio Lower Upper
99 100
42 83.7 31.3 46.9#
71 67.4 38.2 57.2#

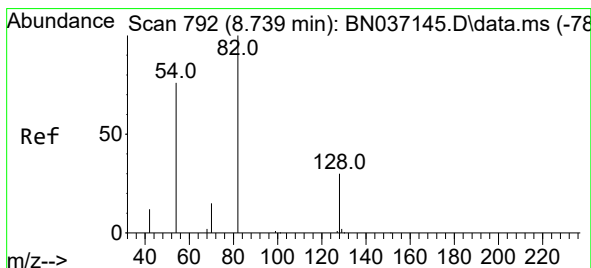
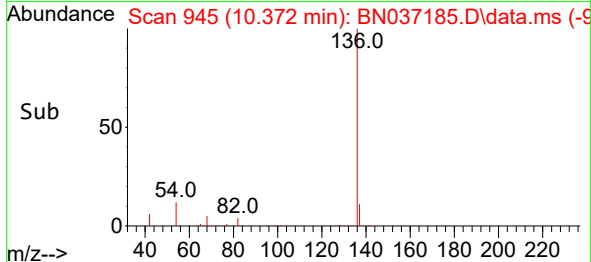
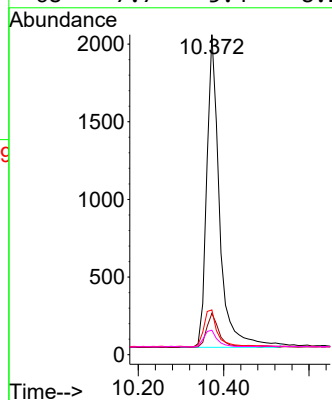
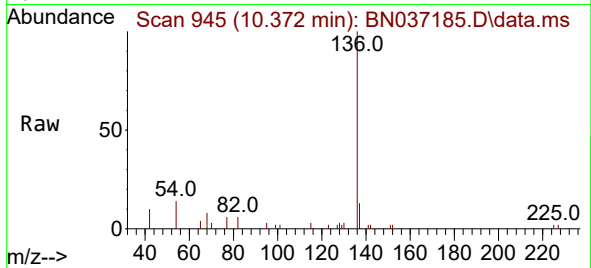




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

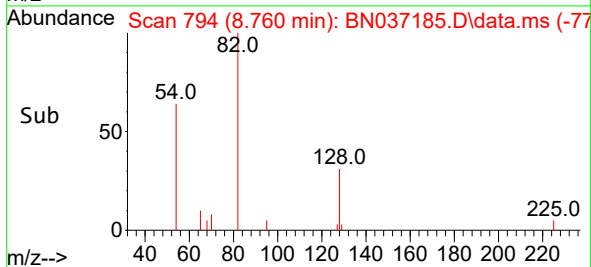
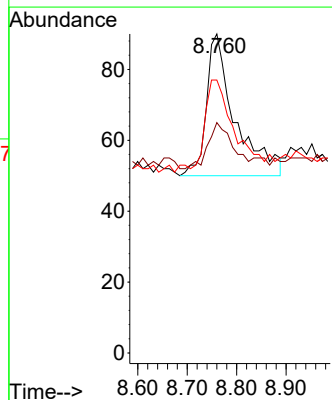
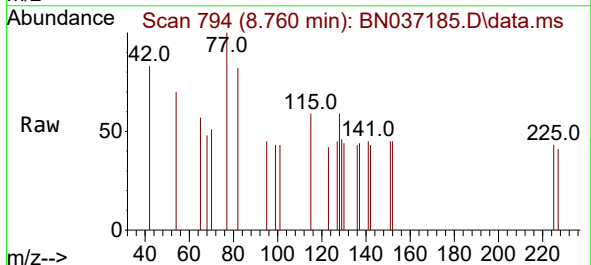
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-060325DL

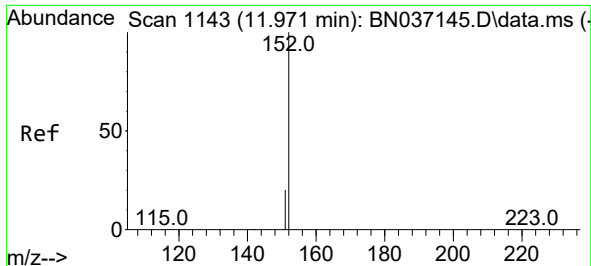
Tgt Ion:	136	Resp:	4203
Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	14.0	9.7	14.5
68	7.7	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.036 ng
RT: 8.760 min Scan# 794
Delta R.T. 0.021 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:	82	Resp:	160
Ion	Ratio	Lower	Upper
82	100		
128	72.2	26.9	40.3#
54	85.6	61.4	92.2

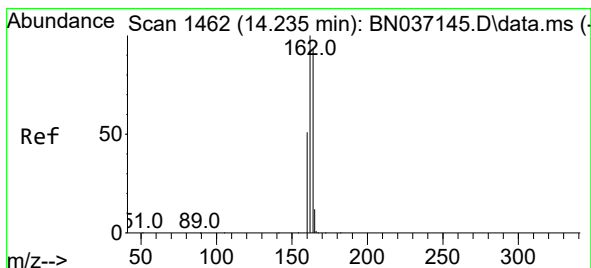
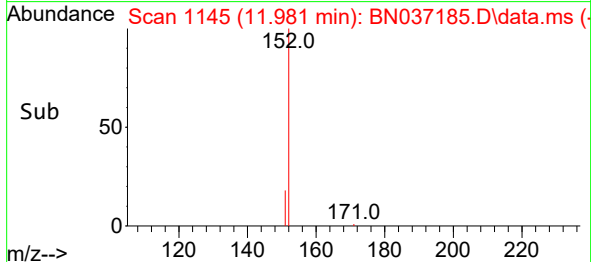
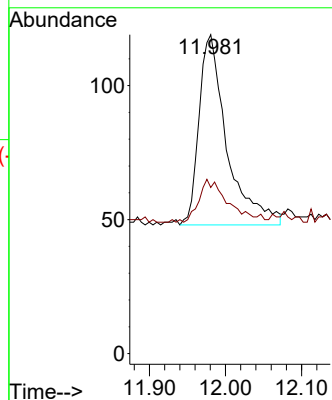
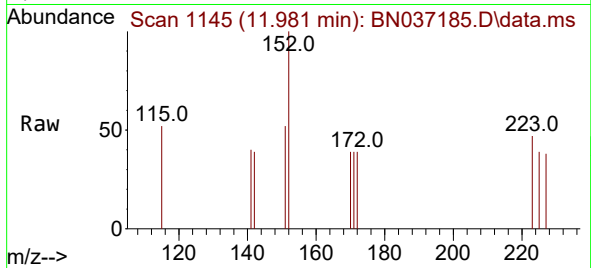




#11
2-Methylnaphthalene-d10
Concen: 0.031 ng
RT: 11.981 min Scan# 1145
Delta R.T. 0.010 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

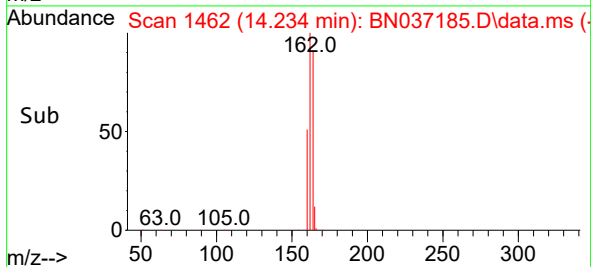
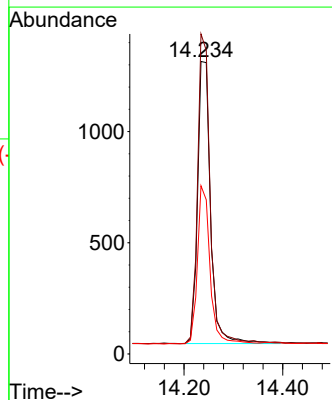
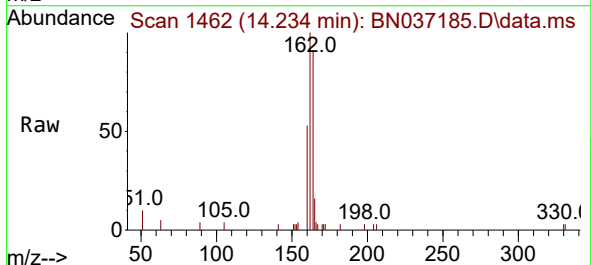
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ClientSampleId :
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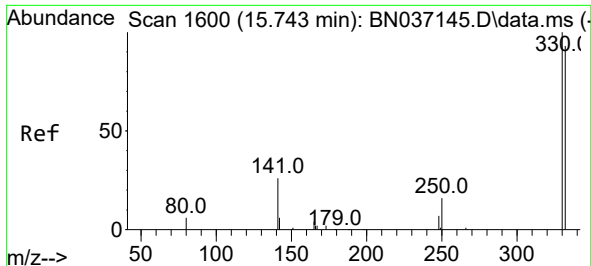
Tgt Ion:152 Resp: 181
Ion Ratio Lower Upper
152 100
151 25.4 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:164 Resp: 2312
Ion Ratio Lower Upper
164 100
162 109.4 85.5 128.3
160 57.5 44.6 67.0

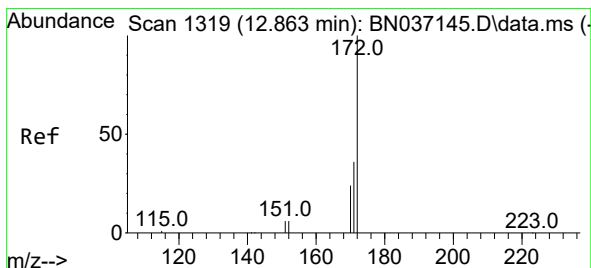
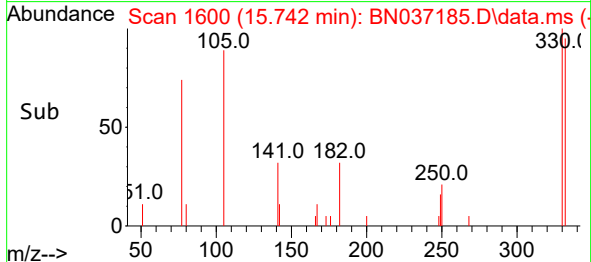
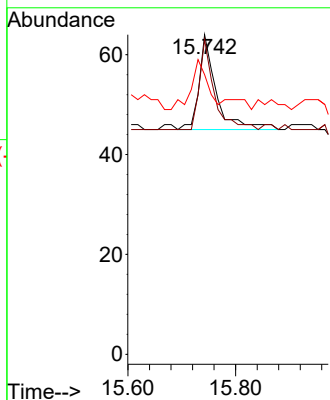
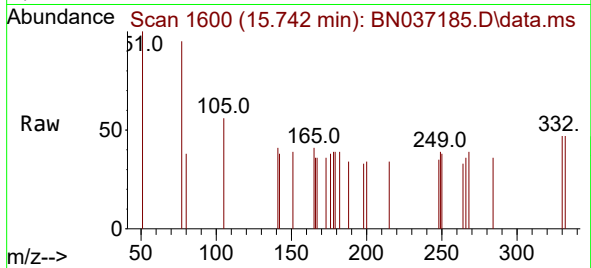




#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.742 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

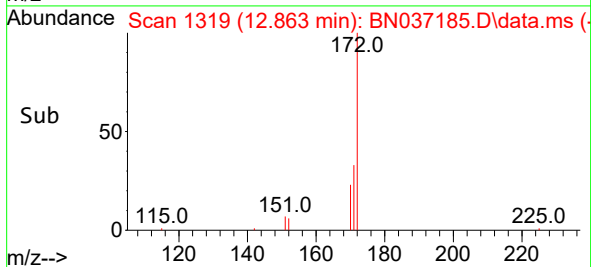
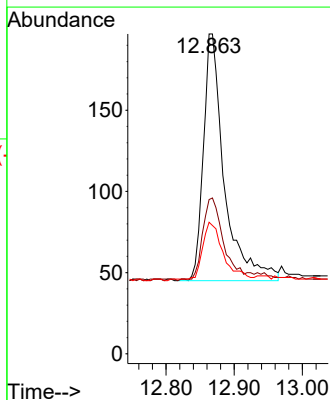
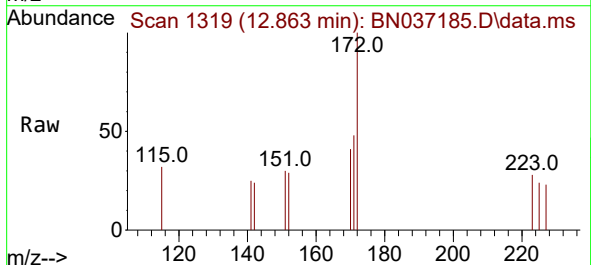
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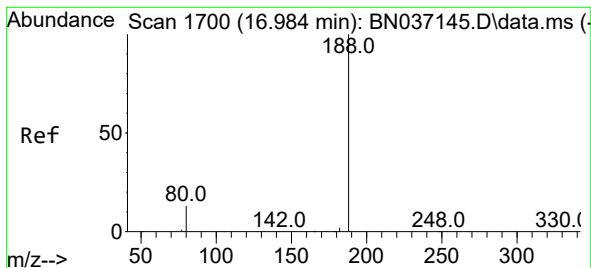
Tgt Ion:330 Resp: 42
Ion Ratio Lower Upper
330 100
332 81.0 77.1 115.7
141 50.0 46.4 69.6



#15
2-Fluorobiphenyl
Concen: 0.033 ng
RT: 12.863 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:172 Resp: 325
Ion Ratio Lower Upper
172 100
171 48.2 29.6 44.4#
170 41.1 20.3 30.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

Instrument :

BNA_N

ClientSampleId :

MW-11B-37.5-060325DL

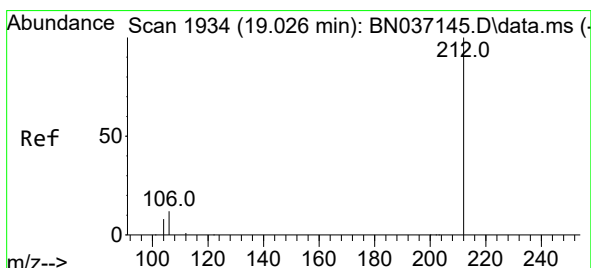
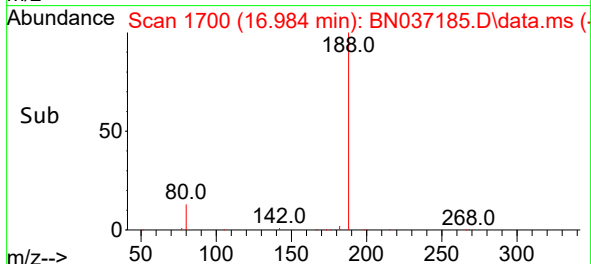
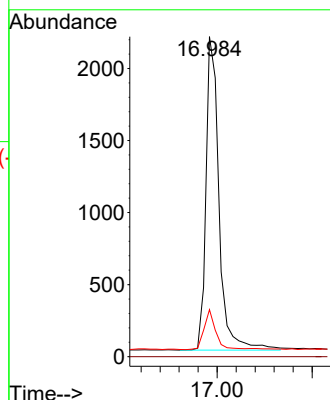
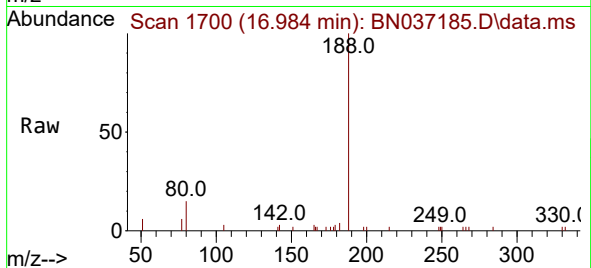
Tgt Ion:188 Resp: 4171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.7 11.3 16.9



#27

Fluoranthene-d10

Concen: 0.037 ng

RT: 19.026 min Scan# 1934

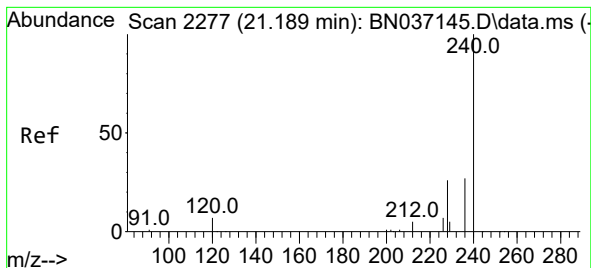
Delta R.T. -0.000 min

Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

Tgt Ion:212 Resp: 390

Ion Ratio Lower Upper



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.188 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

Instrument :

BNA_N

ClientSampleId :

MW-11B-37.5-060325DL

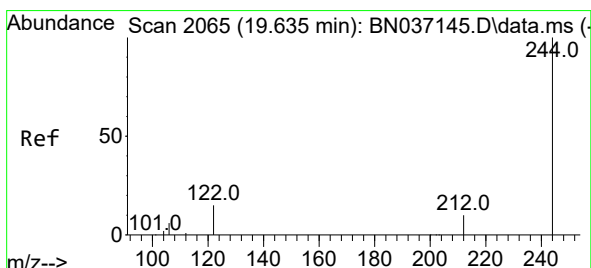
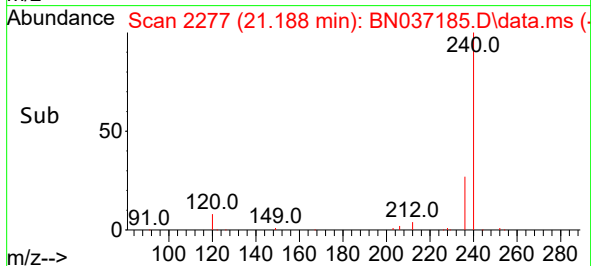
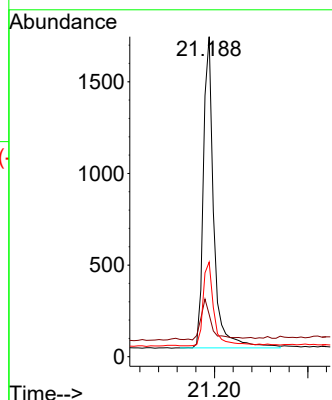
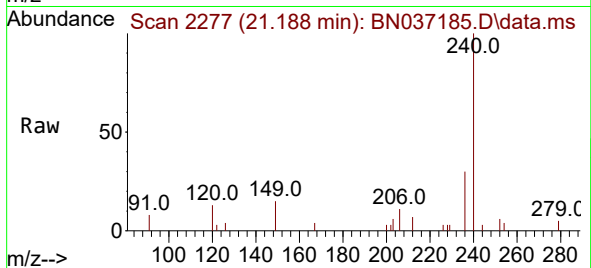
Tgt Ion:240 Resp: 2654

Ion Ratio Lower Upper

240 100

120 13.2 9.0 13.4

236 29.6 23.0 34.4



#31

Terphenyl-d14

Concen: 0.045 ng

RT: 19.635 min Scan# 2065

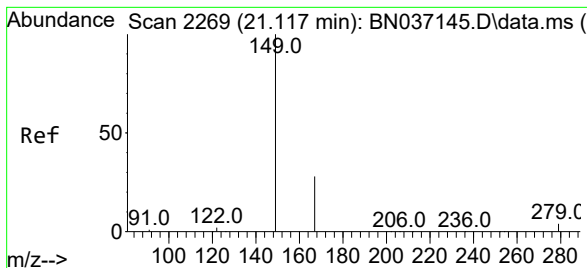
Delta R.T. -0.000 min

Lab File: BN037185.D

Acq: 05 Jun 2025 18:10

Tgt Ion:244 Resp: 283

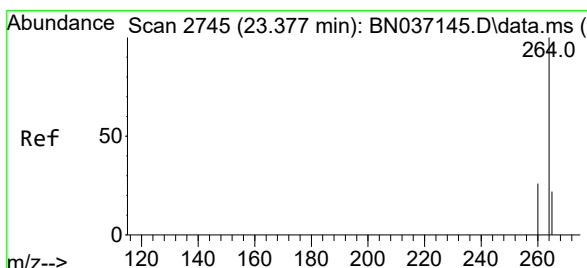
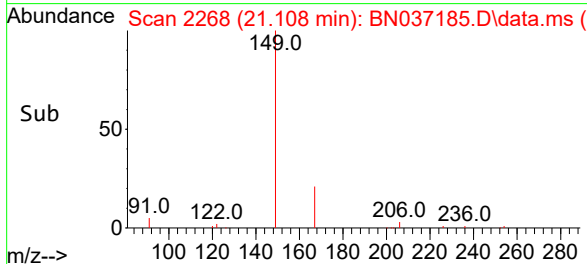
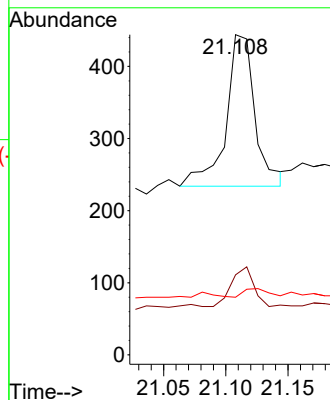
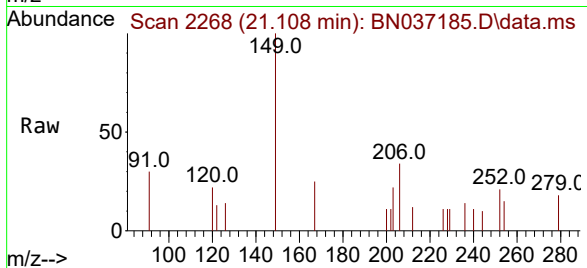
Ion Ratio Lower Upper



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.108 min Scan# 21108
Delta R.T. -0.009 min
Lab File: BN037185.D
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Tgt Ion:149 Resp: 342
Ion Ratio Lower Upper
149 100
167 19.3 21.0 31.4#
279 5.0 2.9 4.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037185.D
Acq: 05 Jun 2025 18:10

Tgt Ion:264 Resp: 2589
Ion Ratio Lower Upper
264 100
260 27.4 22.1 33.1
265 72.9 55.8 83.8

