

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037249.D
 Acq On : 14 Jun 2025 05:21
 Operator : RC/JU
 Sample : Q2299-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT191D2-20250609

Quant Time: Jun 14 05:57:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

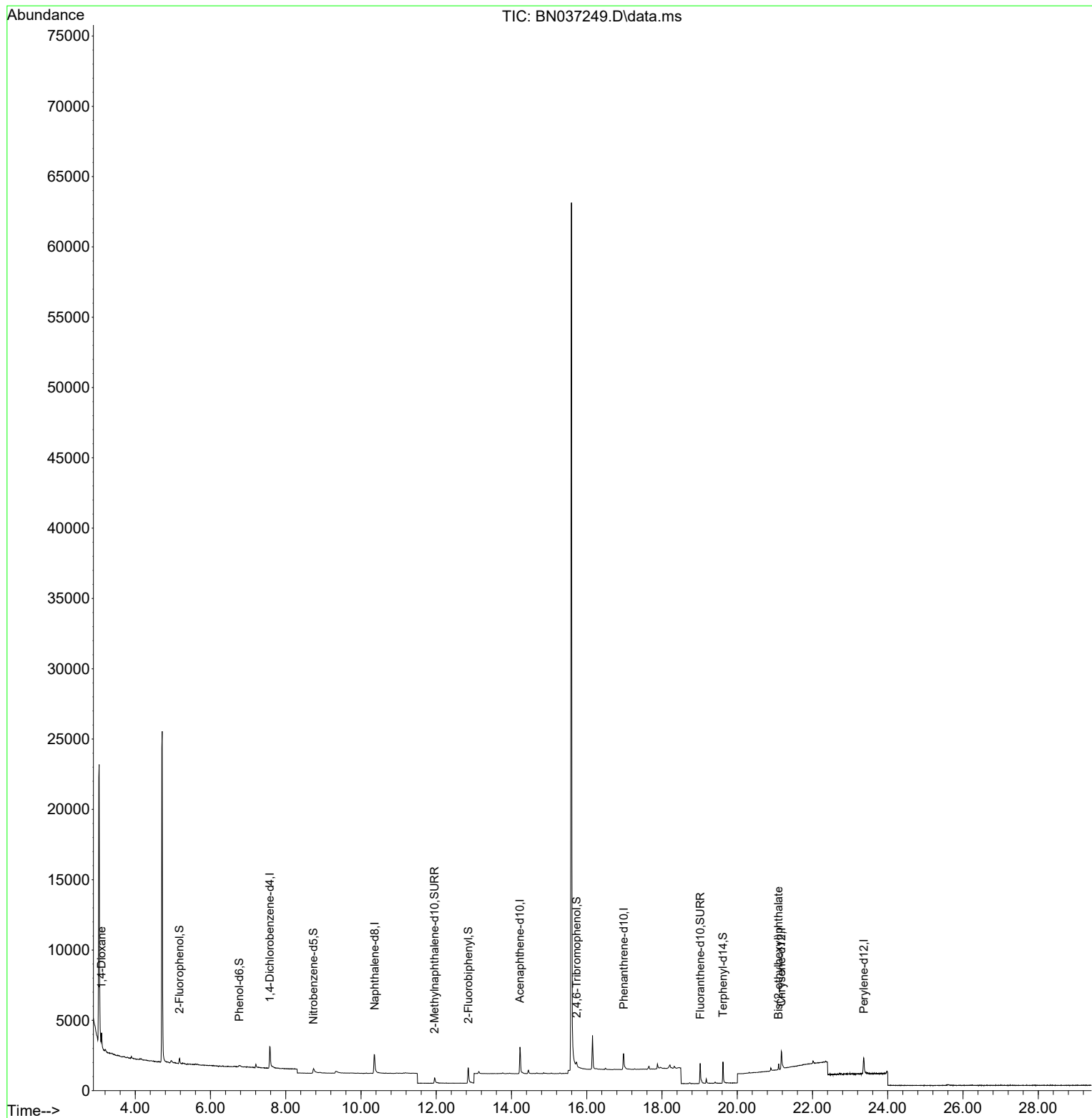
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	966	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2320	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1237	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	2179	0.400	ng	# 0.01
29) Chrysene-d12	21.171	240	1692	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	1750	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	274	0.115	ng	0.00
5) Phenol-d6	6.766	99	142	0.057	ng	0.00
8) Nitrobenzene-d5	8.739	82	523	0.228	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	763	0.245	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	162	0.315	ng	0.00
15) 2-Fluorobiphenyl	12.853	172	1316	0.253	ng	0.00
27) Fluoranthene-d10	19.017	212	1914	0.336	ng	0.00
31) Terphenyl-d14	19.621	244	1705	0.446	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	485	0.366	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.099	149	356	0.084	ng	# 92

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

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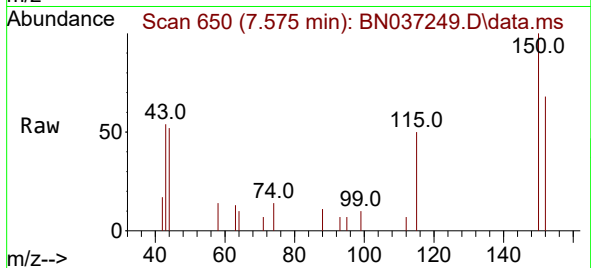
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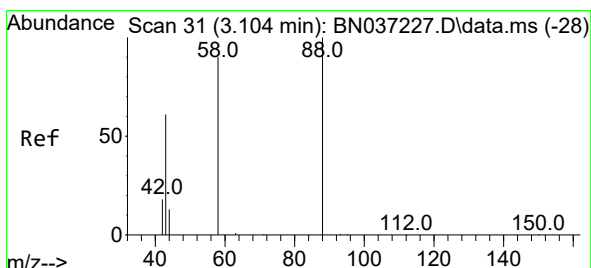
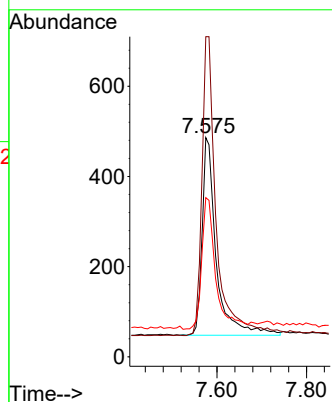
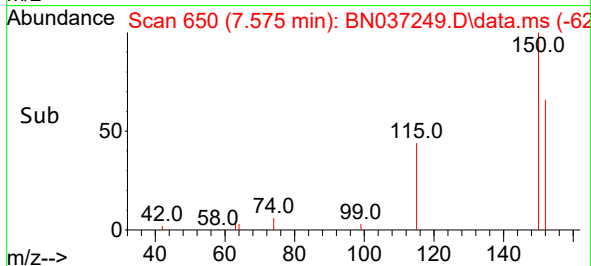


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037249.D
 Acq: 14 Jun 2025 05:21

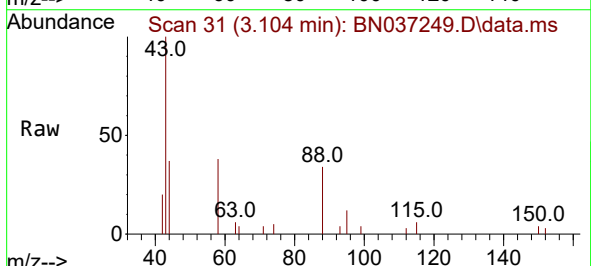
Instrument :
 BNA_N
 ClientSampleId :
 TT191D2-20250609



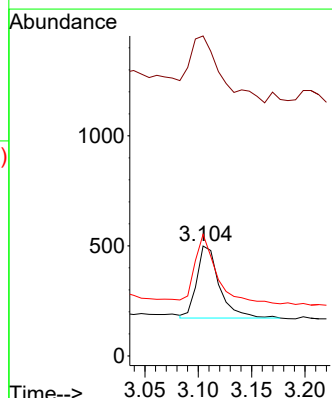
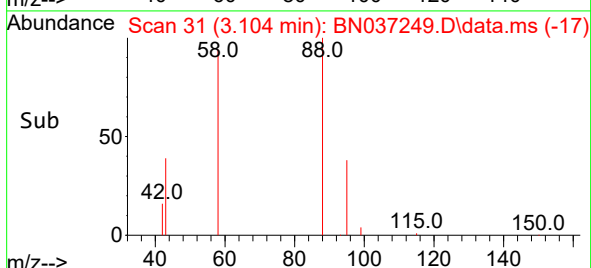
Tgt Ion:152 Resp: 966
 Ion Ratio Lower Upper
 152 100
 150 146.1 125.2 187.8
 115 72.6 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.366 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037249.D
 Acq: 14 Jun 2025 05:21



Tgt Ion: 88 Resp: 485
 Ion Ratio Lower Upper
 88 100
 43 125.8 52.6 79.0#
 58 92.0 73.5 110.3

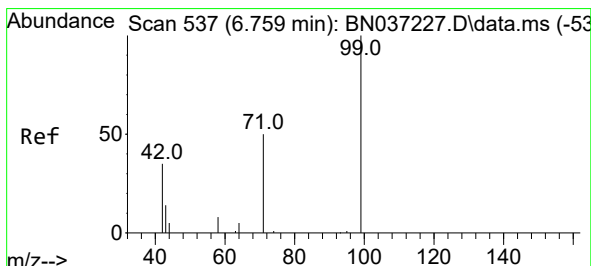
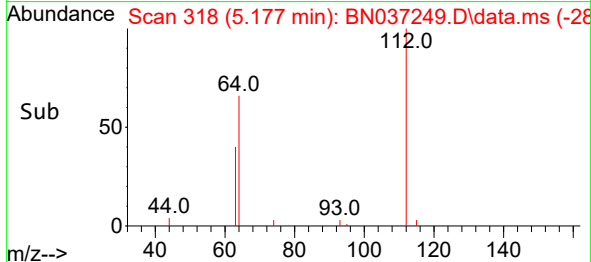
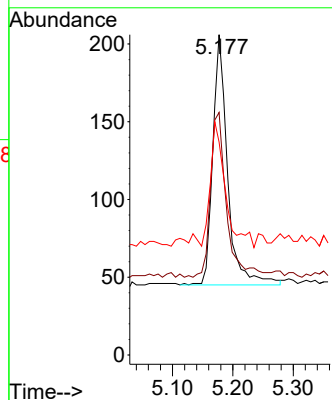
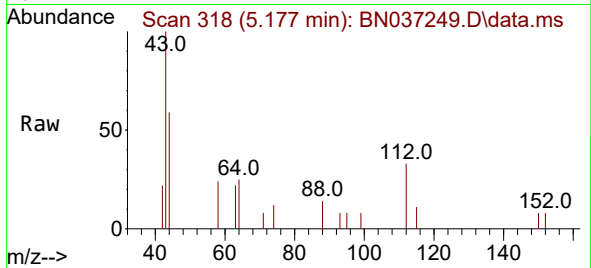




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037249.D
Acq: 14 Jun 2025 05:21

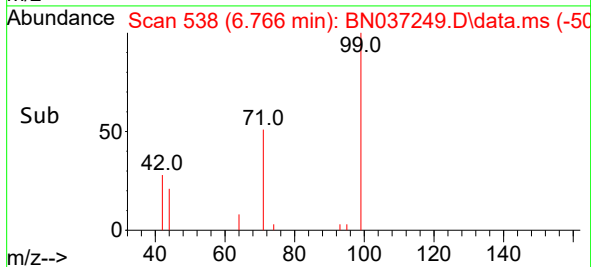
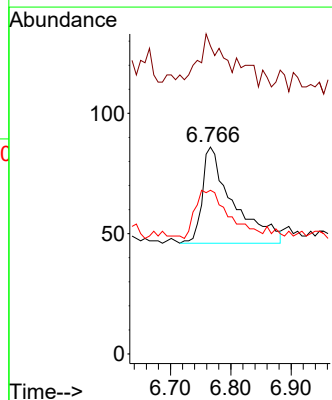
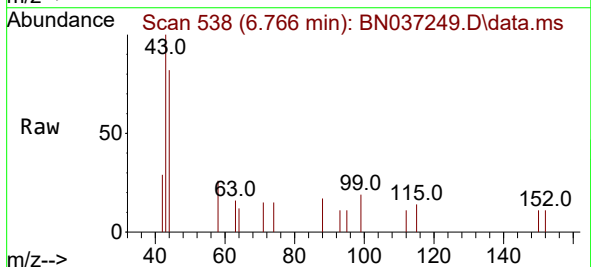
Instrument :
BNA_N
ClientSampleId :
TT191D2-20250609

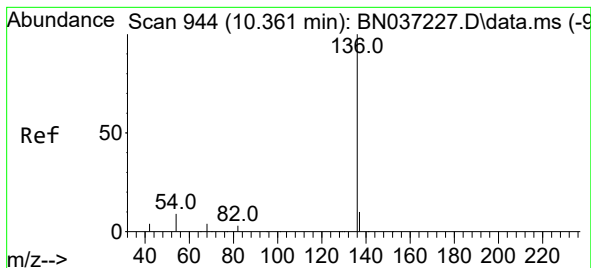
Tgt Ion:112 Resp: 274
Ion Ratio Lower Upper
112 100
64 70.8 57.2 85.8
63 51.1 39.8 59.6



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.007 min
Lab File: BN037249.D
Acq: 14 Jun 2025 05:21

Tgt Ion: 99 Resp: 142
Ion Ratio Lower Upper
99 100
42 30.3 36.2 54.4#
71 55.6 42.4 63.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.362 min Scan# 944

Delta R.T. 0.000 min

Lab File: BN037249.D

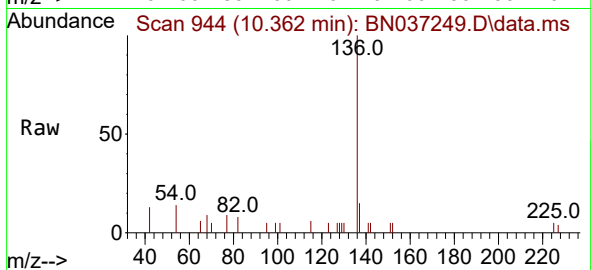
Acq: 14 Jun 2025 05:21

Instrument :

BNA_N

ClientSampleId :

TT191D2-20250609



Tgt Ion:136 Resp: 2320

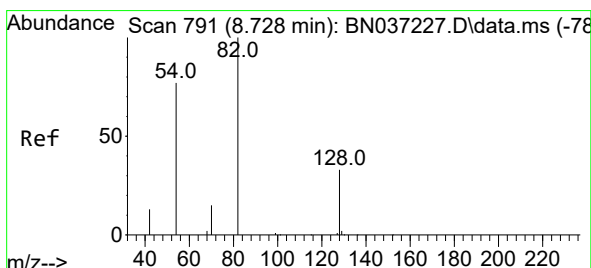
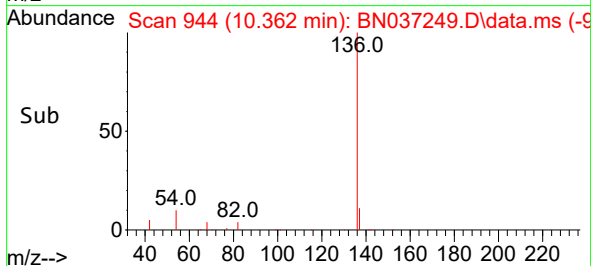
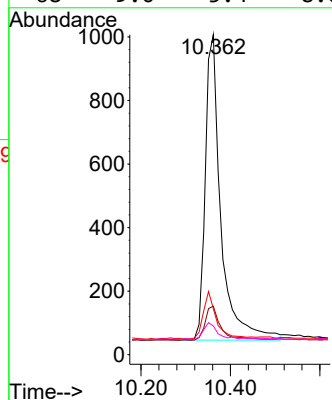
Ion Ratio Lower Upper

136 100

137 15.2 10.6 15.8

54 14.4 9.2 13.8#

68 9.0 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.228 ng

RT: 8.739 min Scan# 792

Delta R.T. 0.011 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

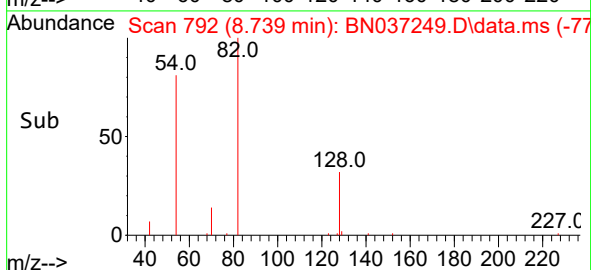
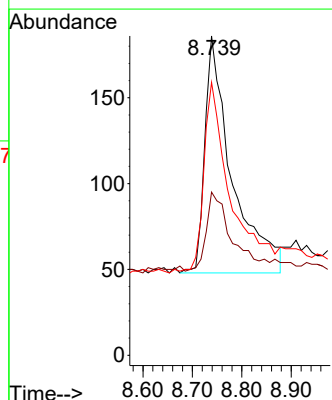
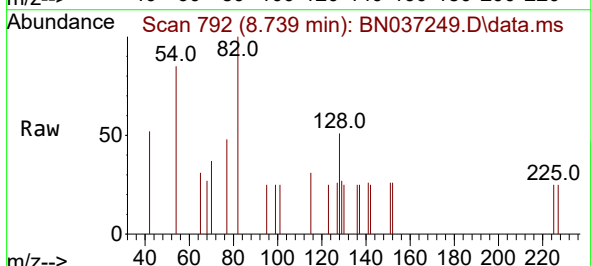
Tgt Ion: 82 Resp: 523

Ion Ratio Lower Upper

82 100

128 51.1 31.2 46.8#

54 85.5 63.3 94.9





#11

2-Methylnaphthalene-d10

Concen: 0.245 ng

RT: 11.955 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

Instrument :

BNA_N

ClientSampleId :

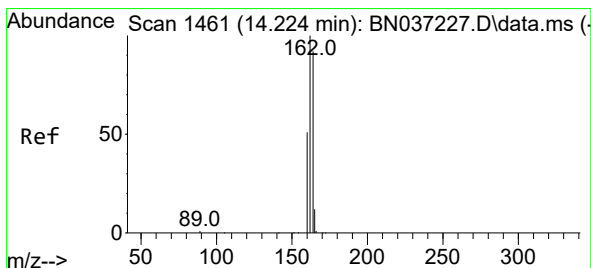
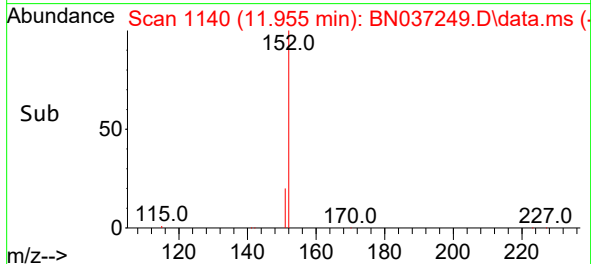
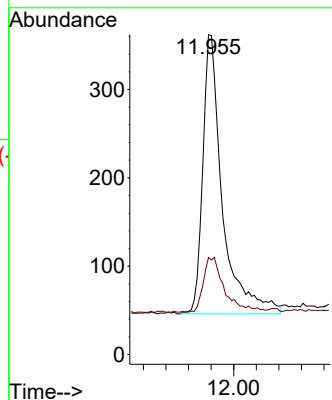
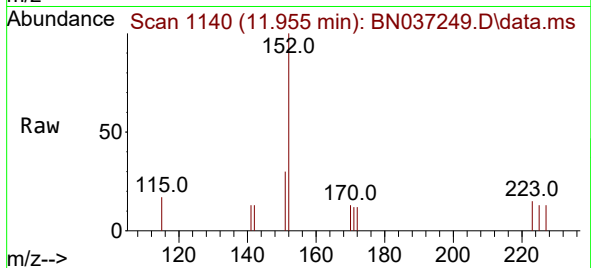
TT191D2-20250609

Tgt Ion:152 Resp: 763

Ion Ratio Lower Upper

152 100

151 21.0 17.9 26.9



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

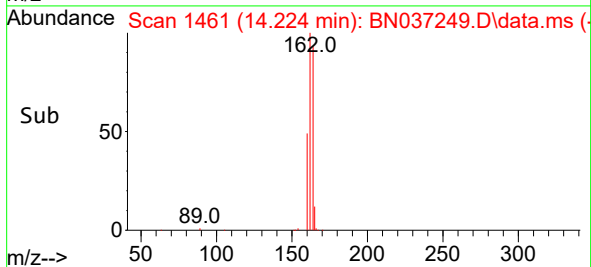
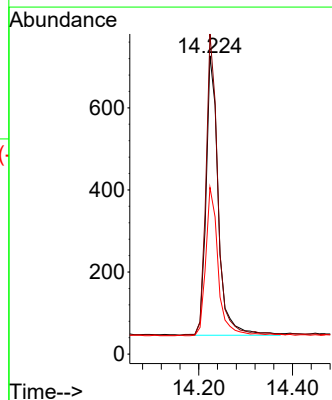
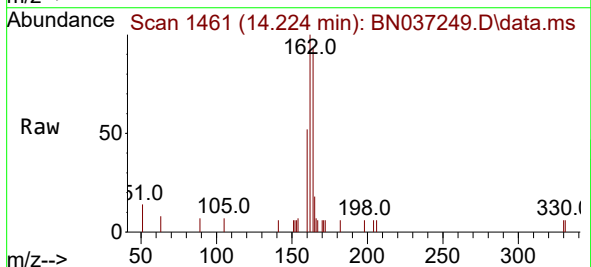
Tgt Ion:164 Resp: 1237

Ion Ratio Lower Upper

164 100

162 107.3 86.7 130.1

160 55.8 45.8 68.6

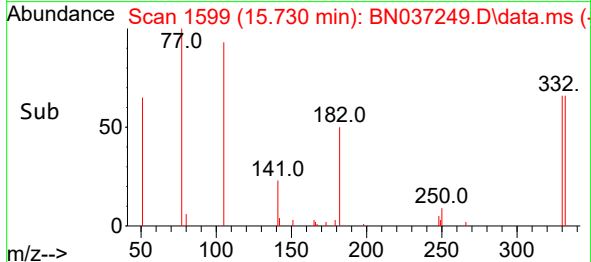
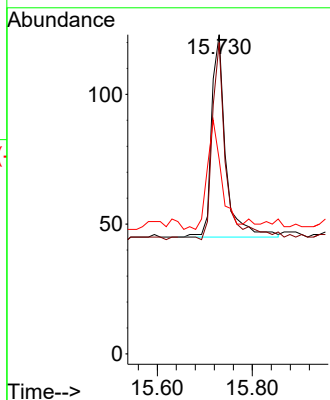
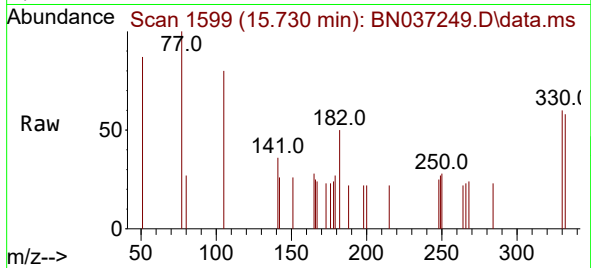




#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037249.D
Acq: 14 Jun 2025 05:21

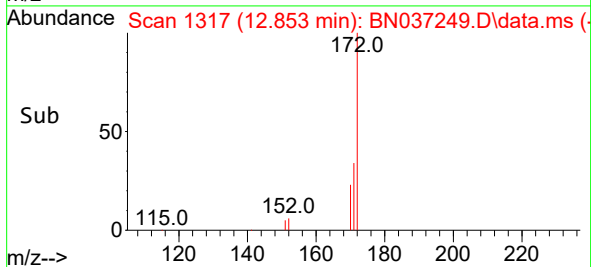
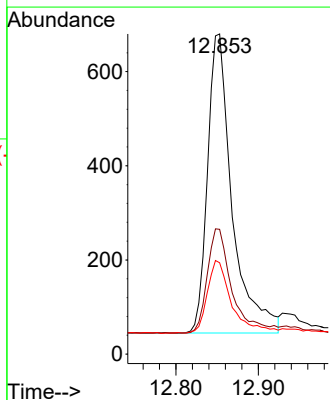
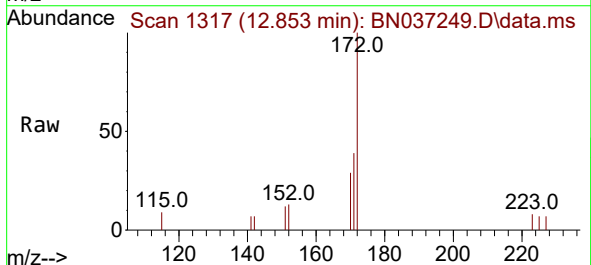
Instrument :
BNA_N
ClientSampleId :
TT191D2-20250609

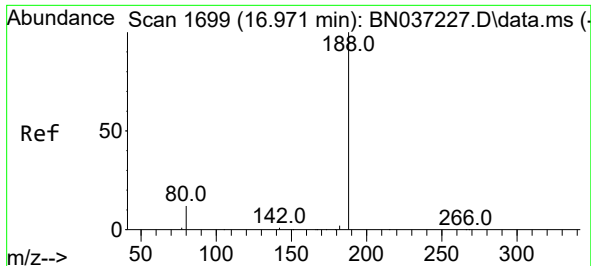
Tgt Ion: 330 Resp: 162
Ion Ratio Lower Upper
330 100
332 88.3 74.9 112.3
141 54.3 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 12.853 min Scan# 1317
Delta R.T. 0.005 min
Lab File: BN037249.D
Acq: 14 Jun 2025 05:21

Tgt Ion: 172 Resp: 1316
Ion Ratio Lower Upper
172 100
171 39.0 29.8 44.8
170 28.5 21.1 31.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 11

Delta R.T. 0.013 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

Instrument :

BNA_N

ClientSampleId :

TT191D2-20250609

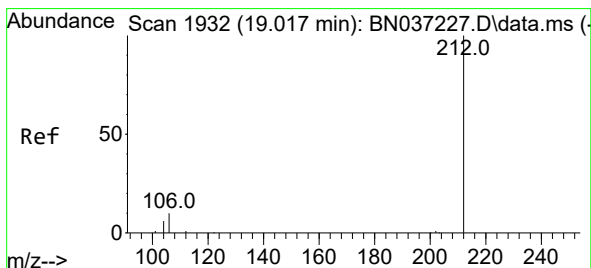
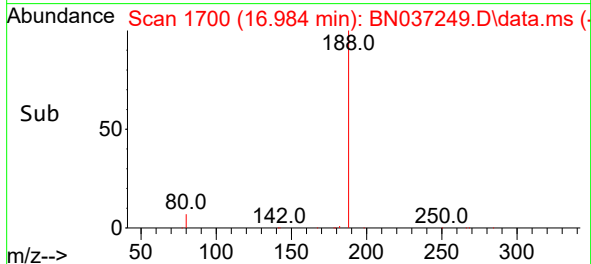
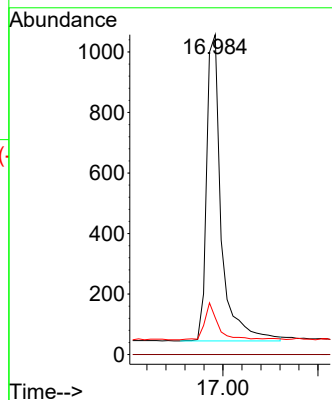
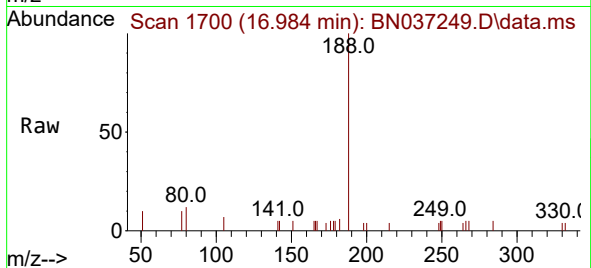
Tgt Ion:188 Resp: 2179

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 12.2 18.4#



#27

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.017 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

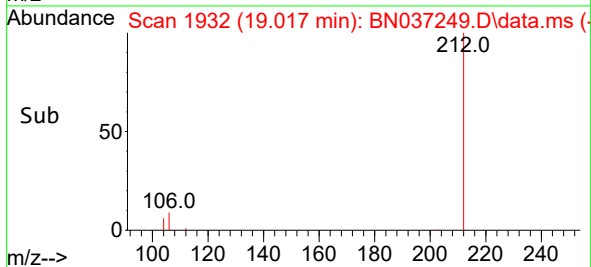
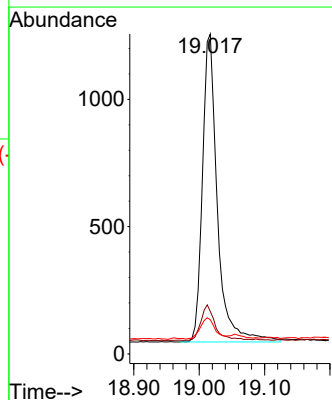
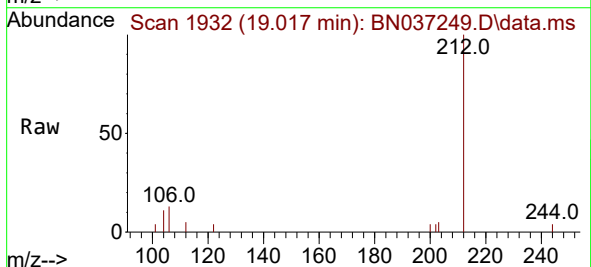
Tgt Ion:212 Resp: 1914

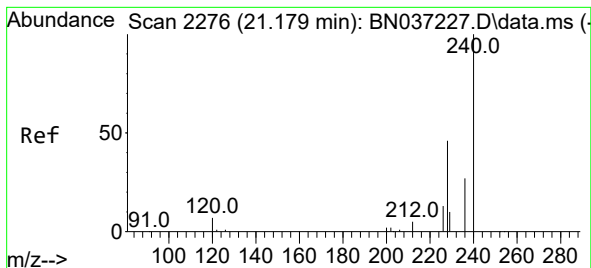
Ion Ratio Lower Upper

212 100

106 11.1 9.3 13.9

104 6.8 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

Instrument :

BNA_N

ClientSampleId :

TT191D2-20250609

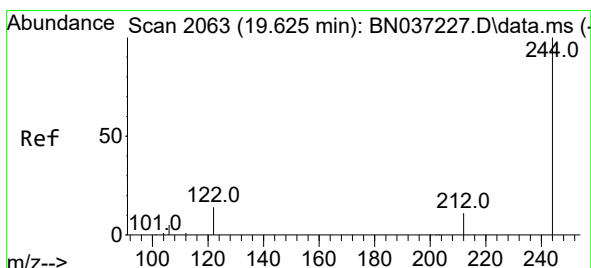
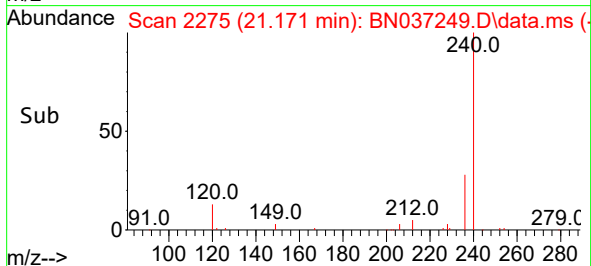
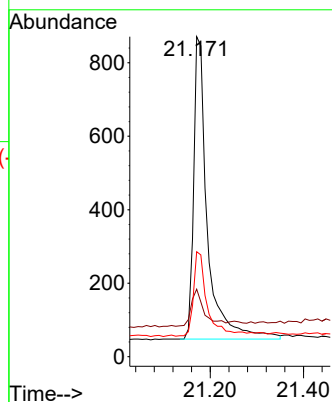
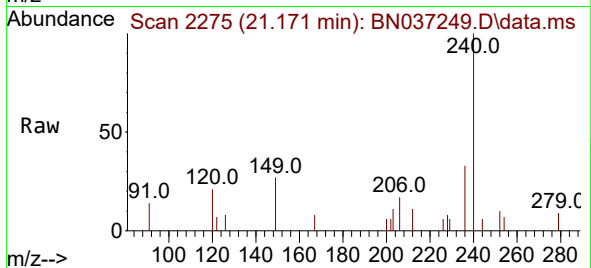
Tgt Ion:240 Resp: 1692

Ion Ratio Lower Upper

240 100

120 21.1 11.3 16.9#

236 32.8 24.4 36.6



#31

Terphenyl-d14

Concen: 0.446 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.004 min

Lab File: BN037249.D

Acq: 14 Jun 2025 05:21

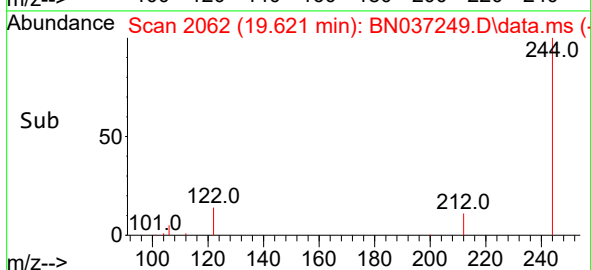
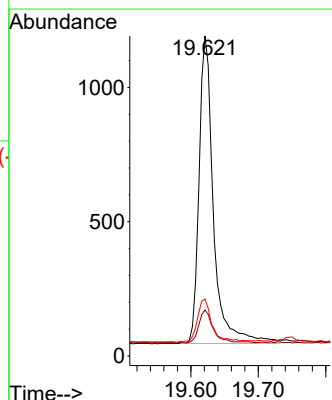
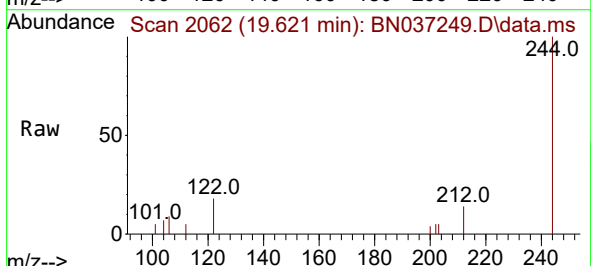
Tgt Ion:244 Resp: 1705

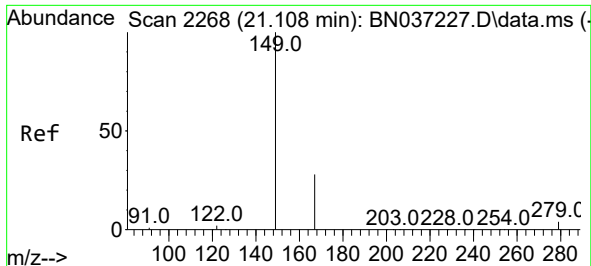
Ion Ratio Lower Upper

244 100

212 14.3 12.2 18.2

122 17.8 14.3 21.5

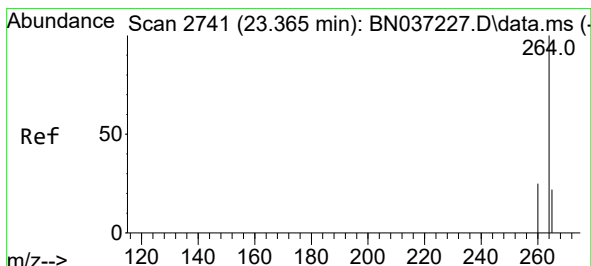
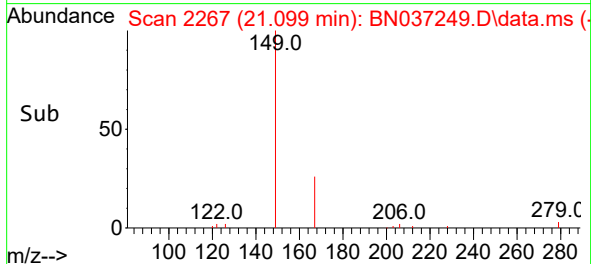
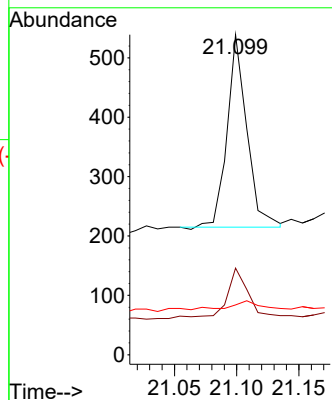
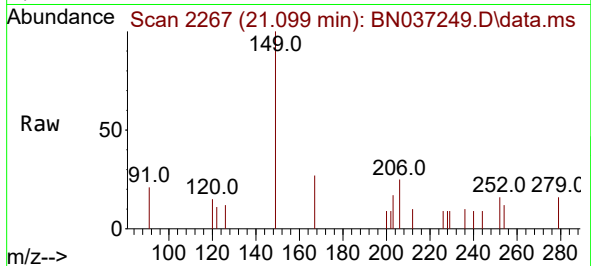




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037249.D
 Acq: 14 Jun 2025 05:21

Instrument :
 BNA_N
 ClientSampleId :
 TT191D2-20250609

Tgt Ion:149 Resp: 356
 Ion Ratio Lower Upper
 149 100
 167 30.6 21.3 31.9
 279 6.7 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.363 min Scan# 2740
 Delta R.T. -0.003 min
 Lab File: BN037249.D
 Acq: 14 Jun 2025 05:21

Tgt Ion:264 Resp: 1750
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.8 34.2
 265 90.5 66.4 99.6

