

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037396.D
 Acq On : 26 Jun 2025 16:42
 Operator : RC/JU
 Sample : Q2345-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250617

Quant Time: Jun 26 17:04:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

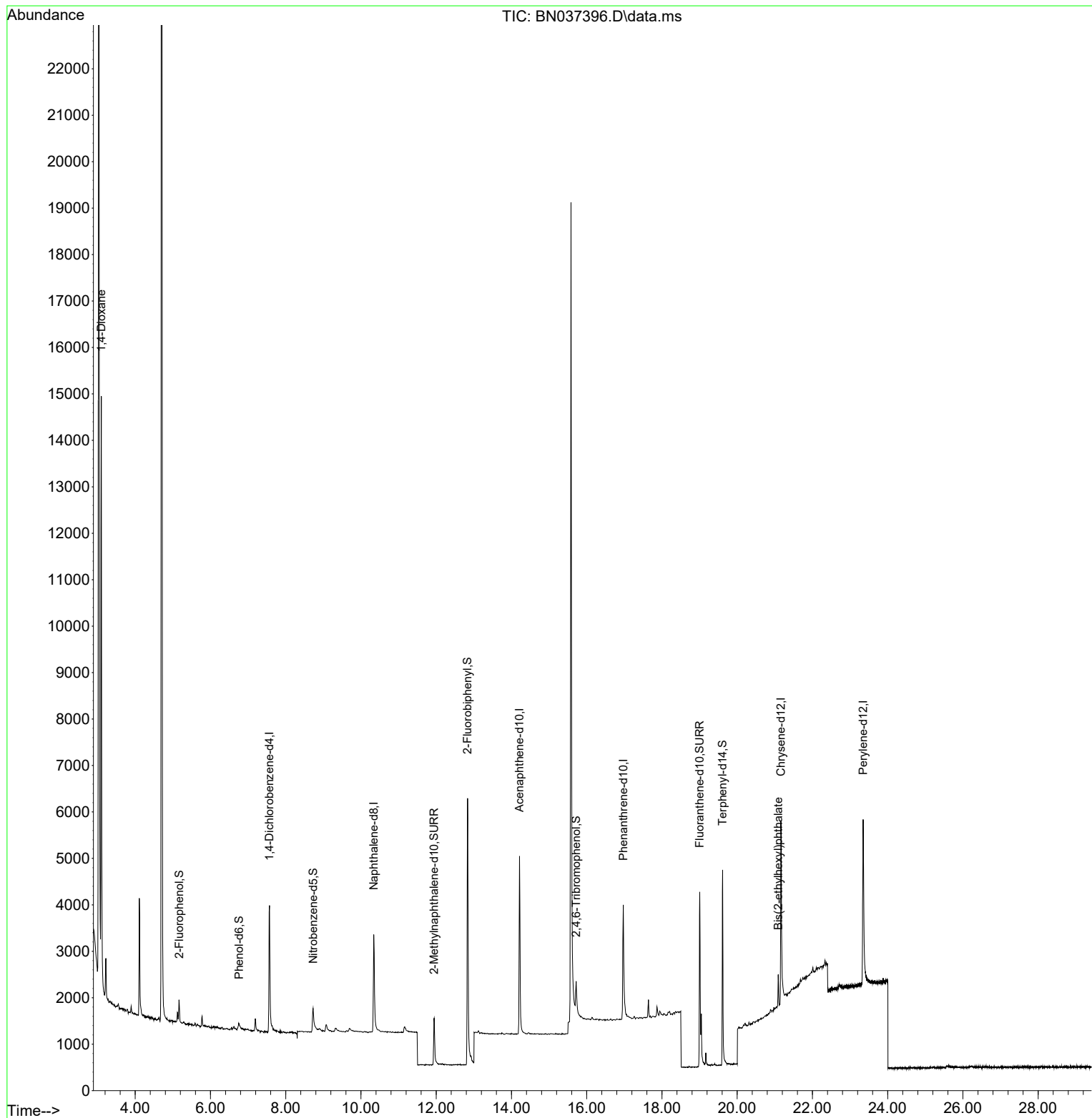
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1675	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3636	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2498	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5119	0.400	ng	0.01
29) Chrysene-d12	21.162	240	5273	0.400	ng	# 0.00
35) Perylene-d12	23.348	264	5674	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	411	0.127	ng	0.00
5) Phenol-d6	6.759	99	188	0.056	ng	0.01
8) Nitrobenzene-d5	8.728	82	801	0.275	ng	0.01
11) 2-Methylnaphthalene-d10	11.940	152	1841	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	558	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	6493	0.602	ng	0.00
27) Fluoranthene-d10	19.003	212	5925	0.404	ng	0.00
31) Terphenyl-d14	19.611	244	4941	0.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	8352	5.258	ng	96
34) Bis(2-ethylhexyl)phtha...	21.090	149	638	0.097	ng	# 97

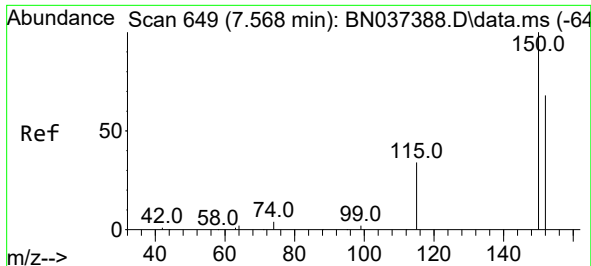
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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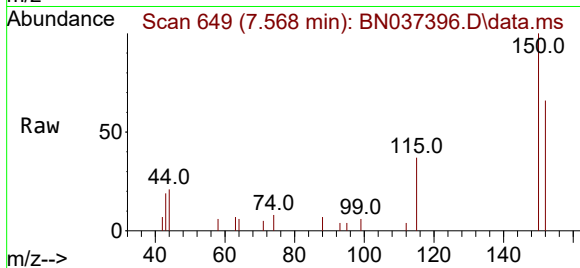
Quant Time: Jun 26 17:04:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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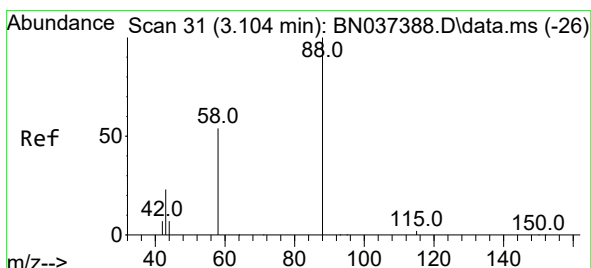
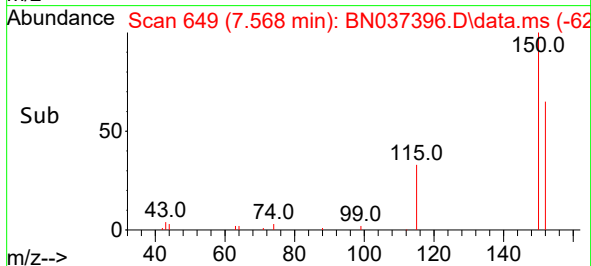
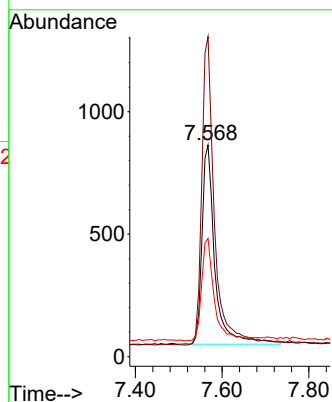


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037396.D
 Acq: 26 Jun 2025 16:42

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250617

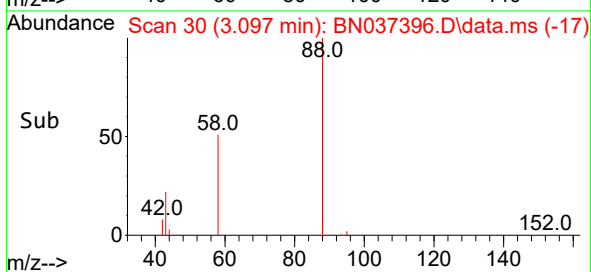
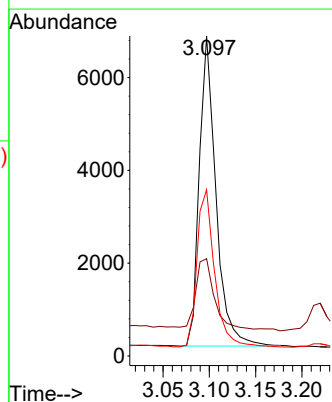
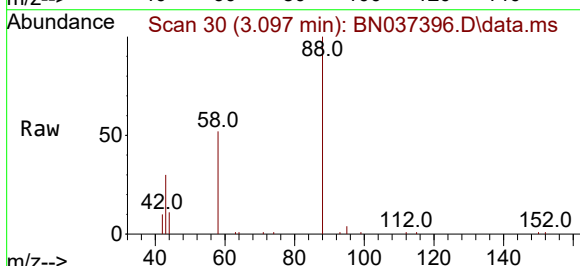


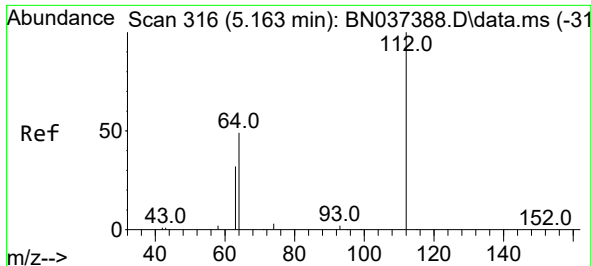
Tgt Ion:152 Resp: 1675
 Ion Ratio Lower Upper
 152 100
 150 151.2 116.2 174.2
 115 55.9 42.9 64.3



#2
 1,4-Dioxane
 Concen: 5.258 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037396.D
 Acq: 26 Jun 2025 16:42

Tgt Ion: 88 Resp: 8352
 Ion Ratio Lower Upper
 88 100
 43 27.6 21.6 32.4
 58 53.6 45.9 68.9

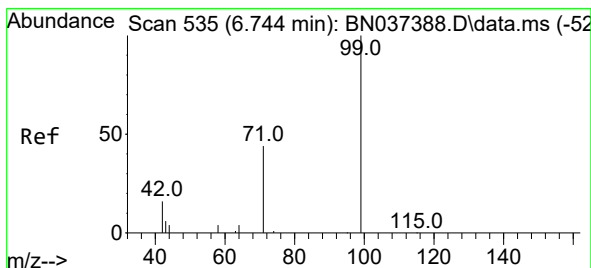
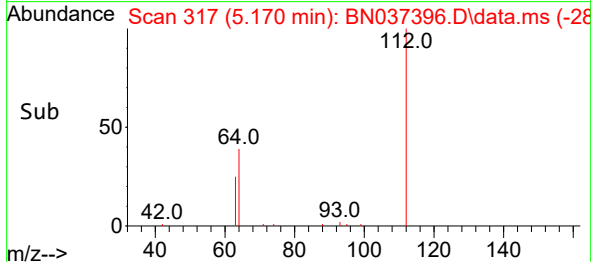
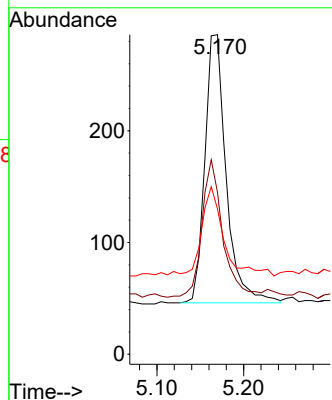
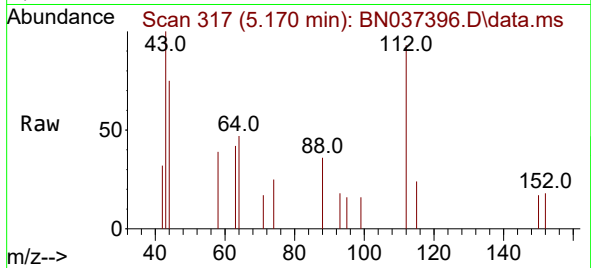




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.170 min Scan# 316
Delta R.T. 0.007 min
Lab File: BN037396.D
Acq: 26 Jun 2025 16:42

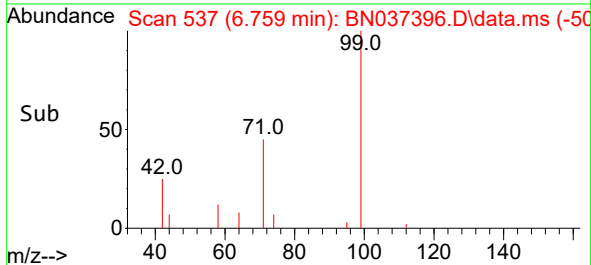
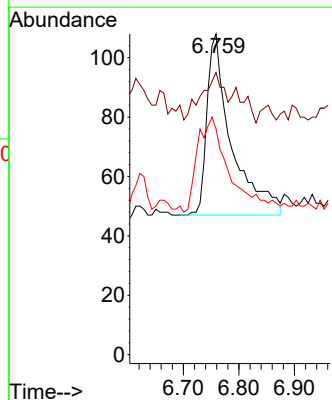
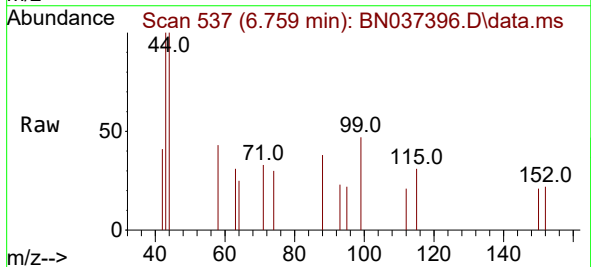
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250617

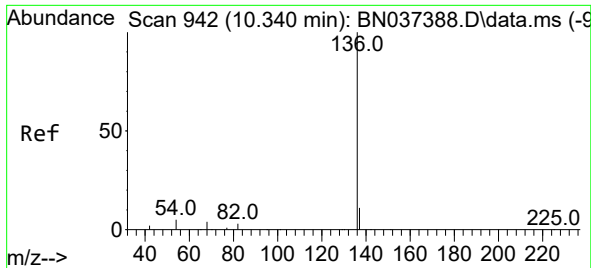
Tgt Ion:112 Resp: 411
Ion Ratio Lower Upper
112 100
64 49.9 40.3 60.5
63 34.8 26.1 39.1



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.759 min Scan# 537
Delta R.T. 0.014 min
Lab File: BN037396.D
Acq: 26 Jun 2025 16:42

Tgt Ion: 99 Resp: 188
Ion Ratio Lower Upper
99 100
42 22.9 15.6 23.4
71 69.1 35.8 53.8#

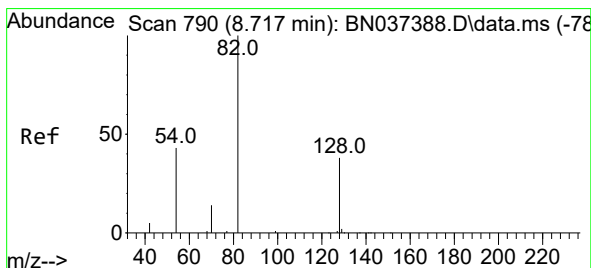
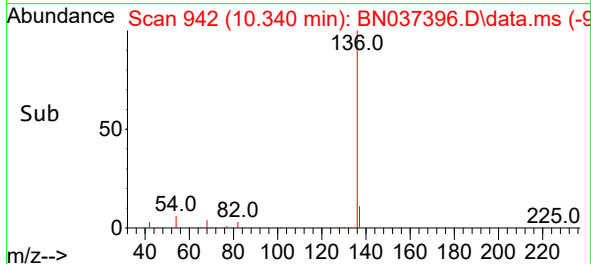
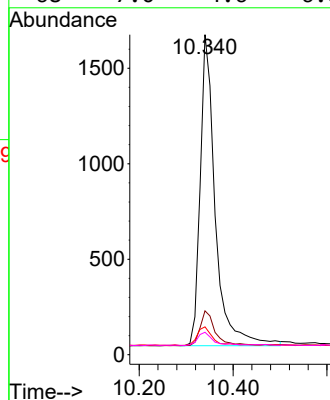
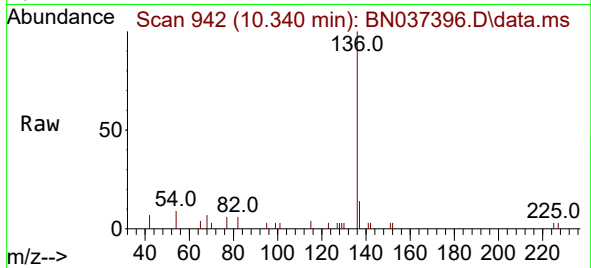




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037396.D
Acq: 26 Jun 2025 16:42

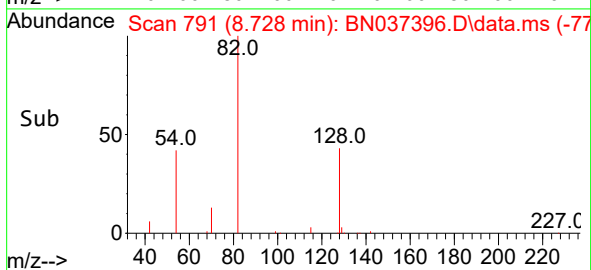
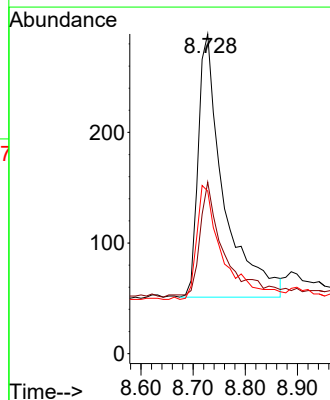
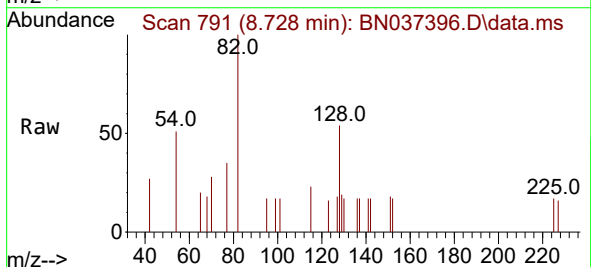
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250617

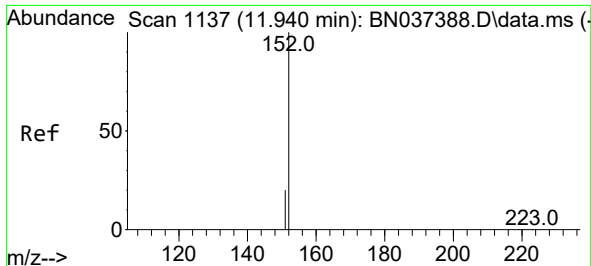
Tgt Ion:	136	Resp:	3636
Ion	Ratio	Lower	Upper
136	100		
137	13.7	10.4	15.6
54	8.7	5.6	8.4#
68	7.0	4.6	6.8#



#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037396.D
Acq: 26 Jun 2025 16:42

Tgt Ion:	82	Resp:	801
Ion	Ratio	Lower	Upper
82	100		
128	53.6	34.0	51.0#
54	50.9	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.327 ng

RT: 11.940 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BN037396.D

Acq: 26 Jun 2025 16:42

Instrument :

BNA_N

ClientSampleId :

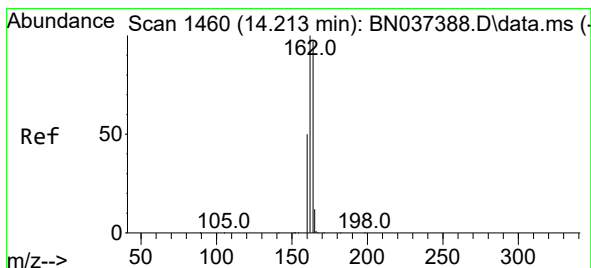
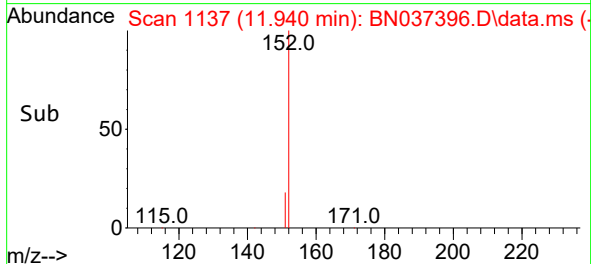
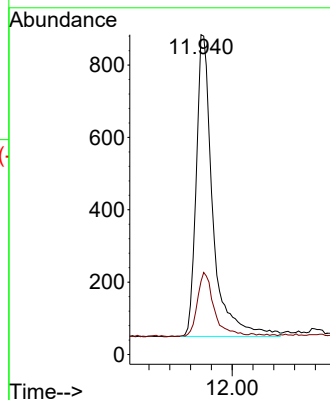
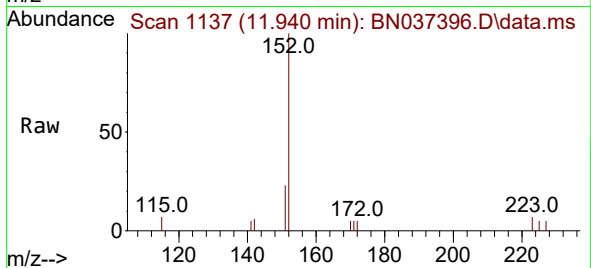
TT189D2-20250617

Tgt Ion:152 Resp: 1841

Ion Ratio Lower Upper

152 100

151 21.3 18.4 27.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.213 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BN037396.D

Acq: 26 Jun 2025 16:42

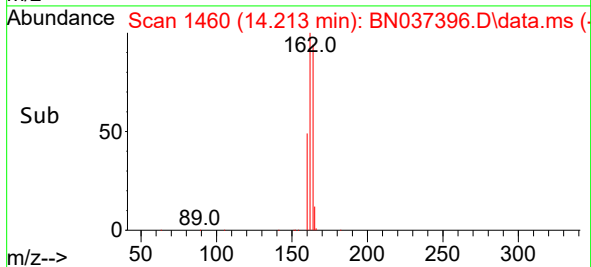
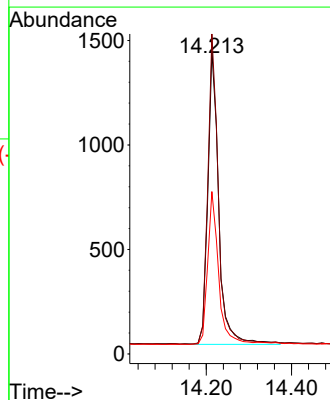
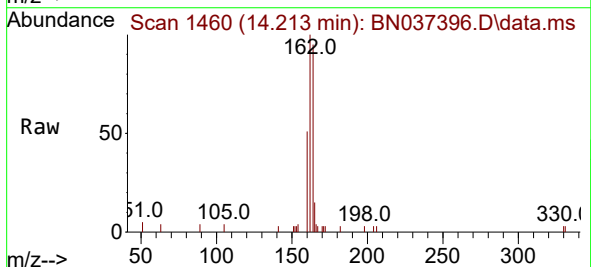
Tgt Ion:164 Resp: 2498

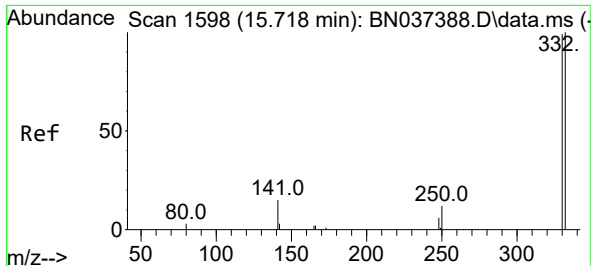
Ion Ratio Lower Upper

164 100

162 105.7 82.6 123.8

160 53.7 42.2 63.2

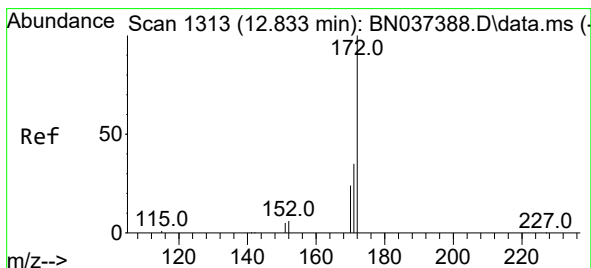
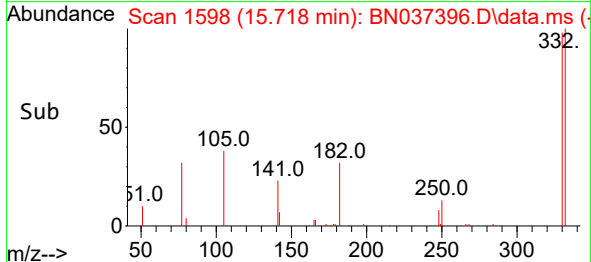
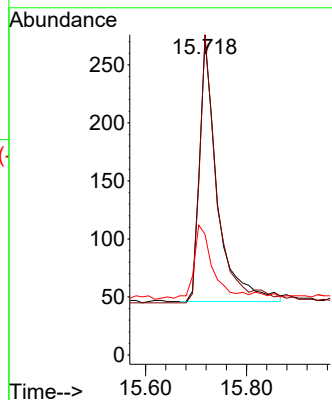
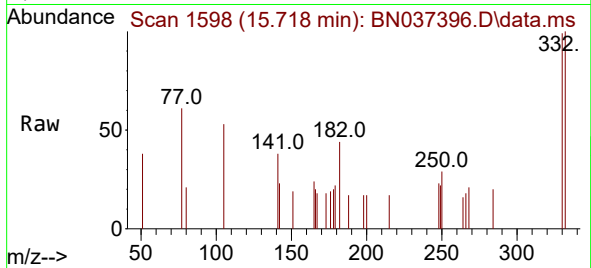




#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037396.D
Acq: 26 Jun 2025 16:42

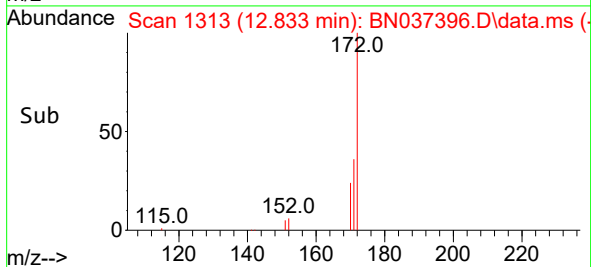
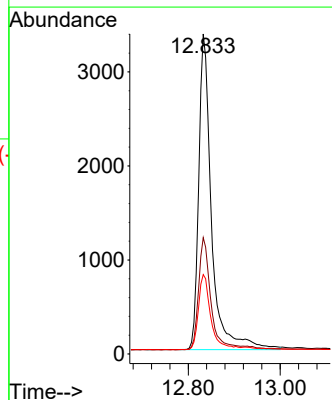
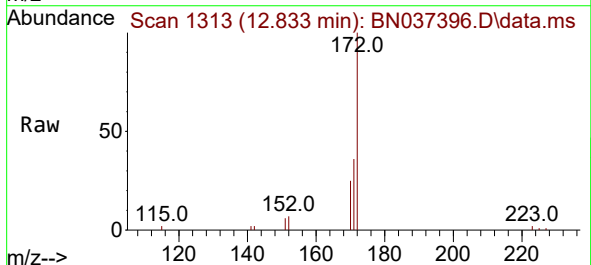
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250617

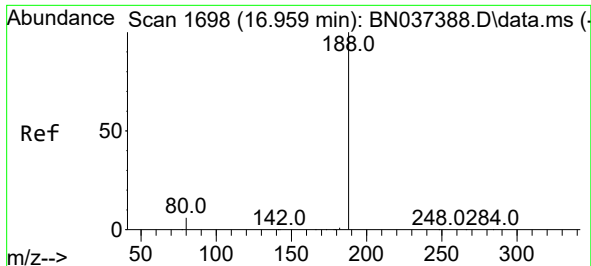
Tgt Ion:330 Resp: 558
Ion Ratio Lower Upper
330 100
332 98.9 77.8 116.8
141 28.5 24.0 36.0



#15
2-Fluorobiphenyl
Concen: 0.602 ng
RT: 12.833 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN037396.D
Acq: 26 Jun 2025 16:42

Tgt Ion:172 Resp: 6493
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.8 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1699

Delta R.T. 0.012 min

Lab File: BN037396.D

Acq: 26 Jun 2025 16:42

Instrument :

BNA_N

ClientSampleId :

TT189D2-20250617

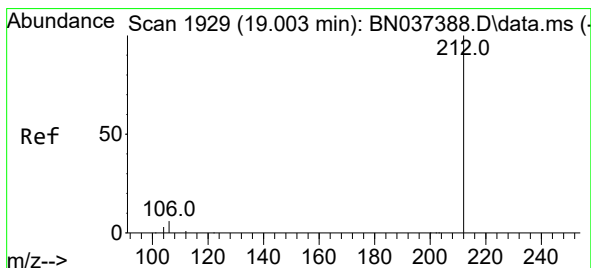
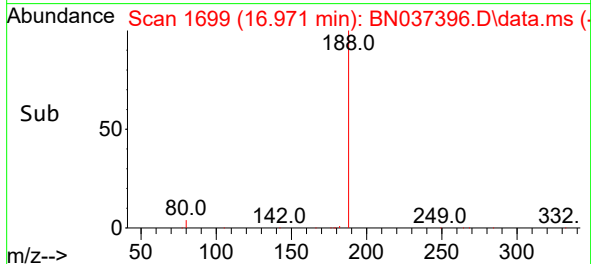
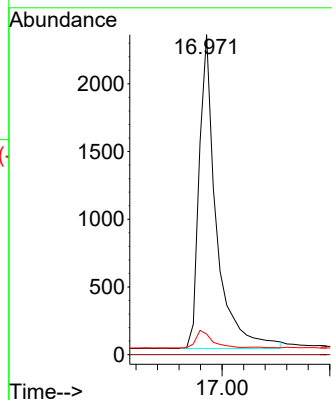
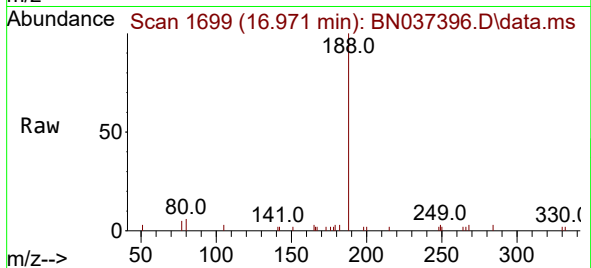
Tgt Ion:188 Resp: 5119

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.4 6.2 9.4



#27

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.003 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BN037396.D

Acq: 26 Jun 2025 16:42

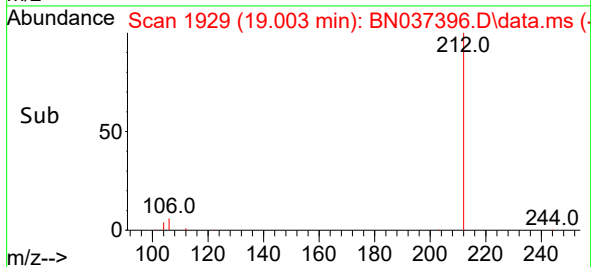
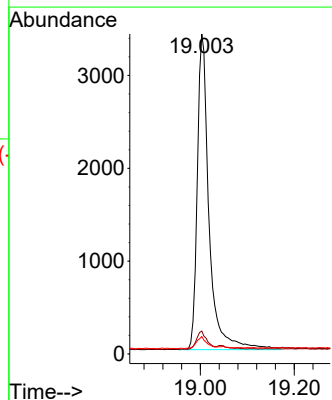
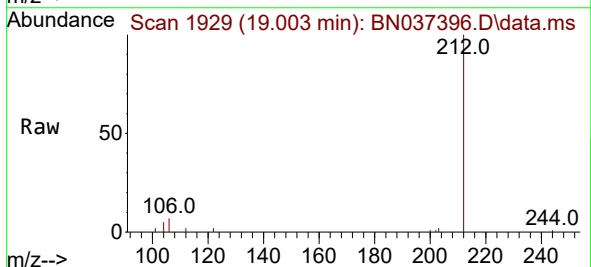
Tgt Ion:212 Resp: 5925

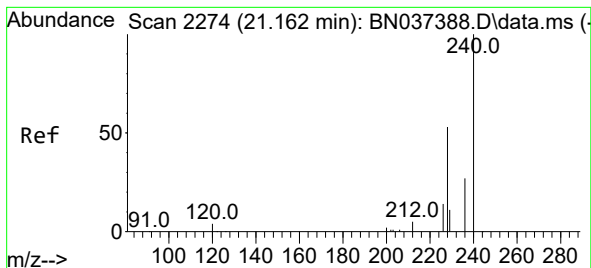
Ion Ratio Lower Upper

212 100

106 5.0 4.5 6.7

104 3.3 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037396.D

Acq: 26 Jun 2025 16:42

Instrument :

BNA_N

ClientSampleId :

TT189D2-20250617

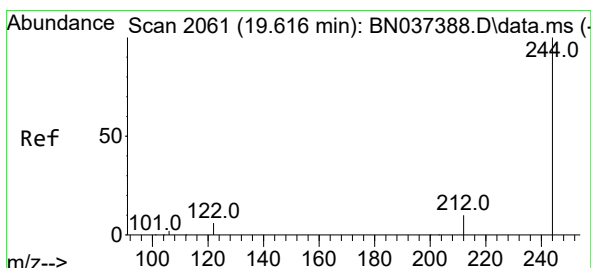
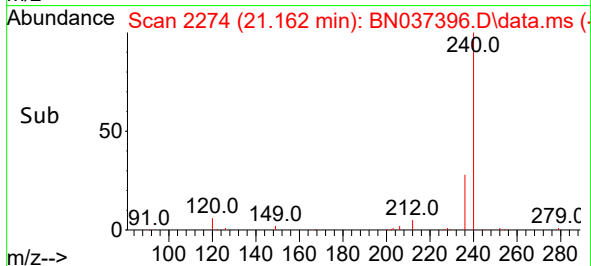
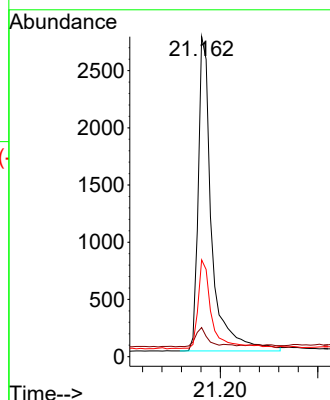
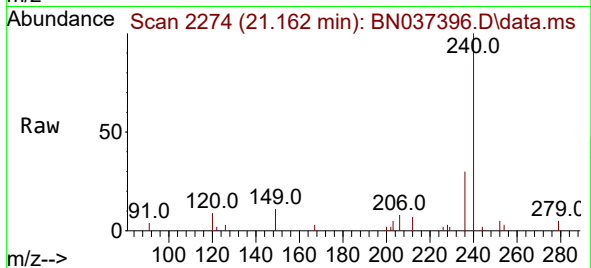
Tgt Ion:240 Resp: 5273

Ion Ratio Lower Upper

240 100

120 9.1 5.3 7.9#

236 30.2 22.7 34.1



#31

Terphenyl-d14

Concen: 0.439 ng

RT: 19.611 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037396.D

Acq: 26 Jun 2025 16:42

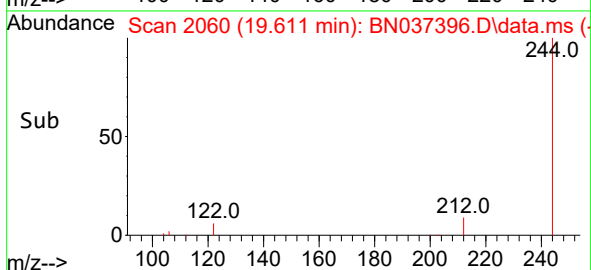
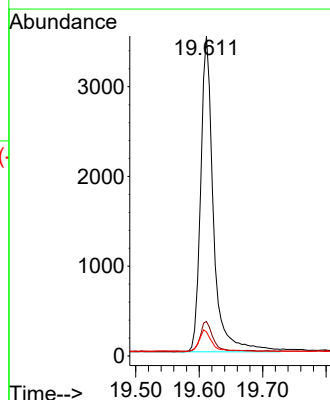
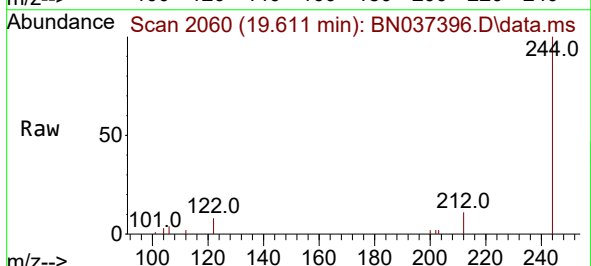
Tgt Ion:244 Resp: 4941

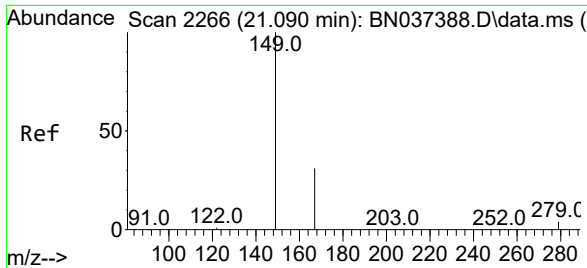
Ion Ratio Lower Upper

244 100

212 10.7 9.1 13.7

122 7.6 6.3 9.5

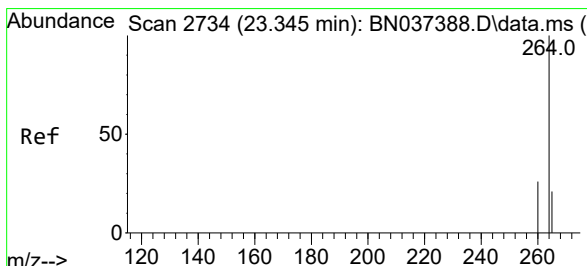
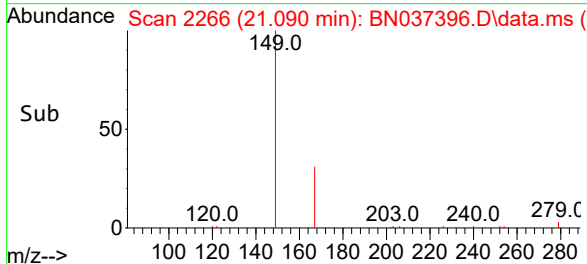
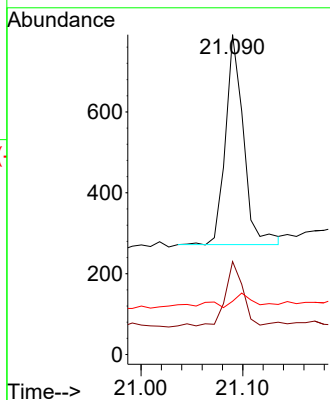
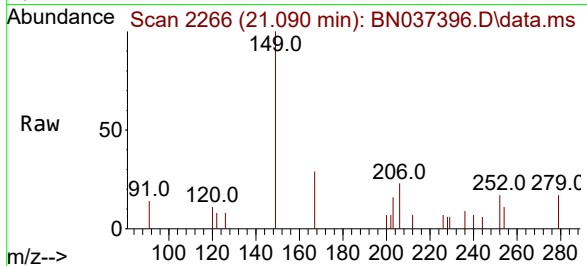




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.090 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN037396.D
Acq: 26 Jun 2025 16:42

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250617

Tgt Ion:149 Resp: 638
Ion Ratio Lower Upper
149 100
167 29.6 24.8 37.2
279 8.2 5.0 7.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.348 min Scan# 2735
Delta R.T. 0.003 min
Lab File: BN037396.D
Acq: 26 Jun 2025 16:42

Tgt Ion:264 Resp: 5674
Ion Ratio Lower Upper
264 100
260 26.8 21.4 32.0
265 75.9 56.2 84.4

