

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037399.D
 Acq On : 26 Jun 2025 18:30
 Operator : RC/JU
 Sample : Q2345-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT192D2-20250617

Quant Time: Jun 26 18:54:40 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)

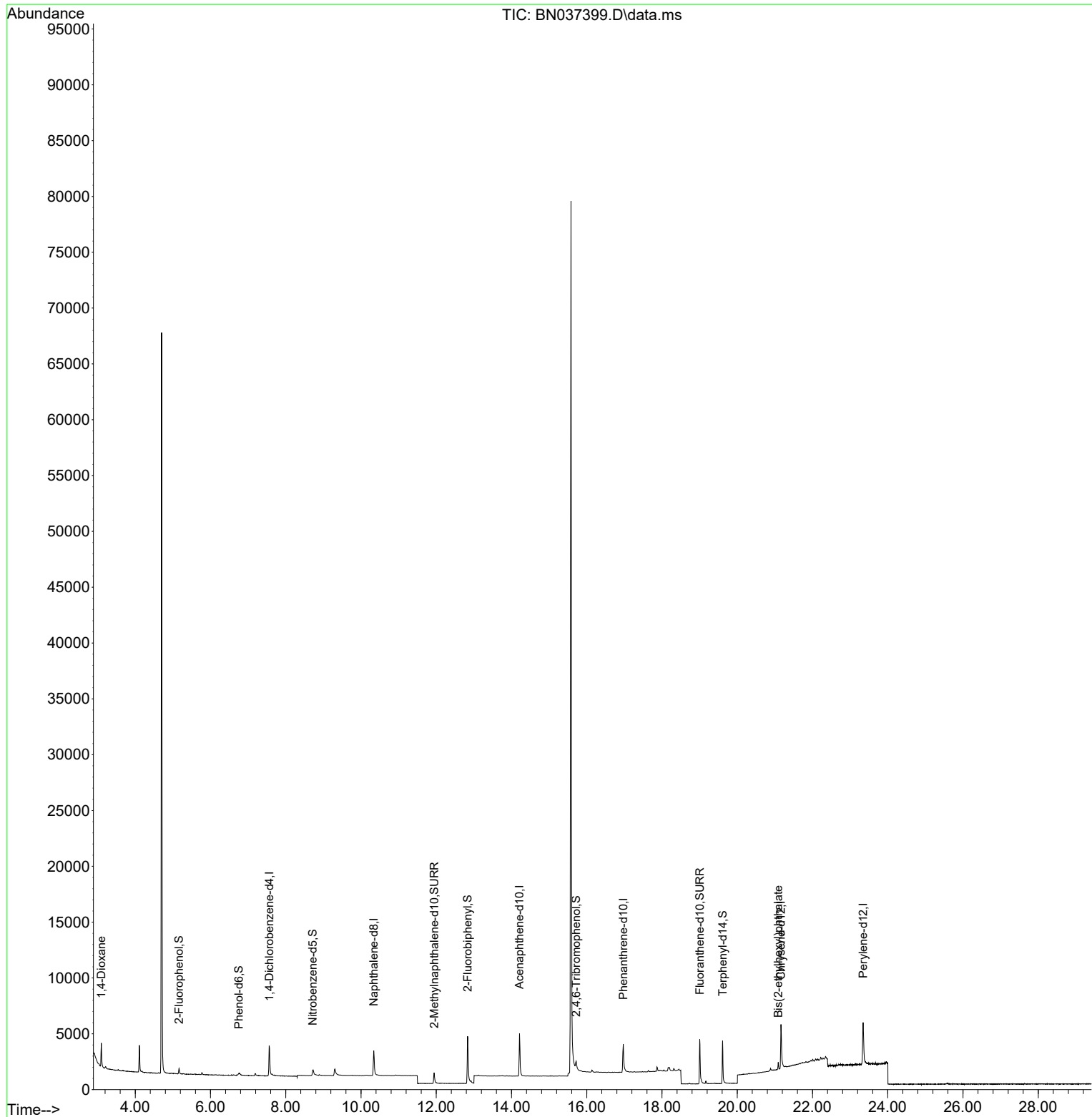
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	1647	0.400	ng	0.00
7) Naphthalene-d8	10.341	136	3570	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	2375	0.400	ng	0.00
19) Phenanthrene-d10	16.972	188	5031	0.400	ng	0.01
29) Chrysene-d12	21.162	240	5333	0.400	ng	0.00
35) Perylene-d12	23.345	264	5697	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	413	0.130	ng	0.00
5) Phenol-d6	6.752	99	226	0.069	ng	0.00
8) Nitrobenzene-d5	8.718	82	836	0.292	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	1748	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	542	0.389	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	4887	0.477	ng	0.00
27) Fluoranthene-d10	19.003	212	5948	0.413	ng	0.00
31) Terphenyl-d14	19.612	244	4696	0.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1429	0.915	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.090	149	574	0.087	ng	# 96

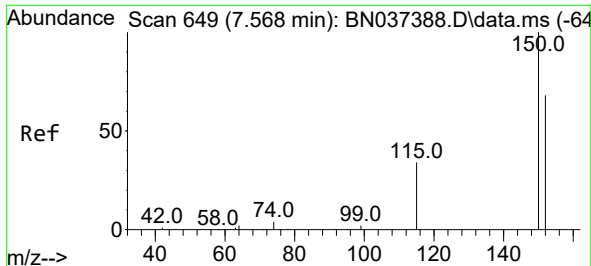
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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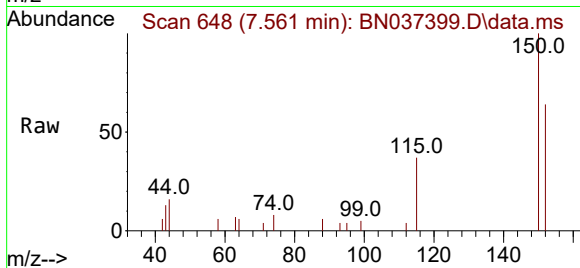
Quant Time: Jun 26 18:54:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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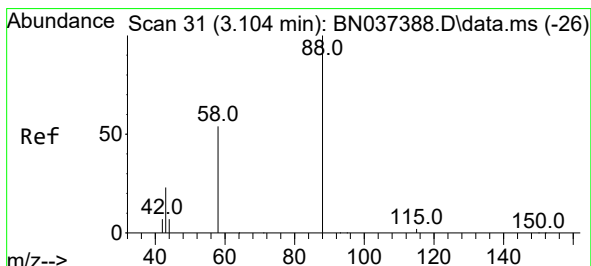
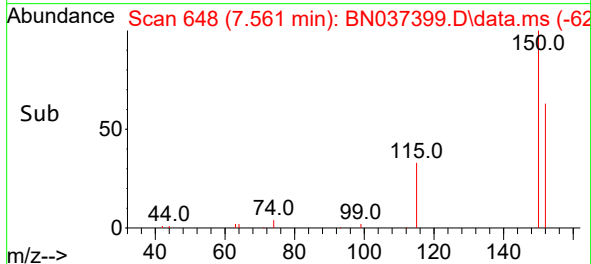
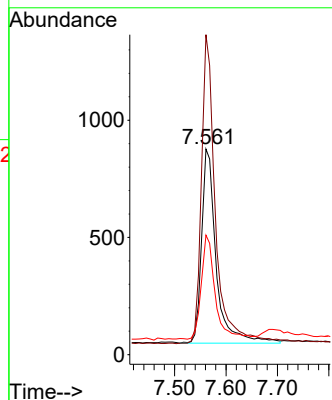


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.561 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250617

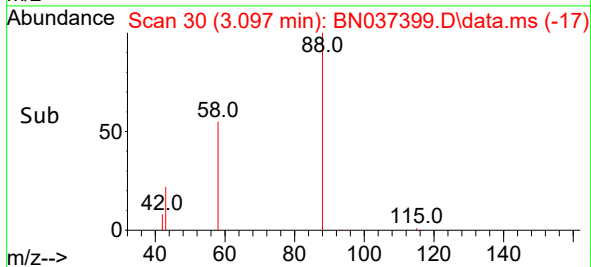
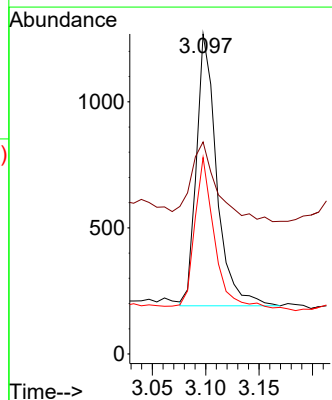
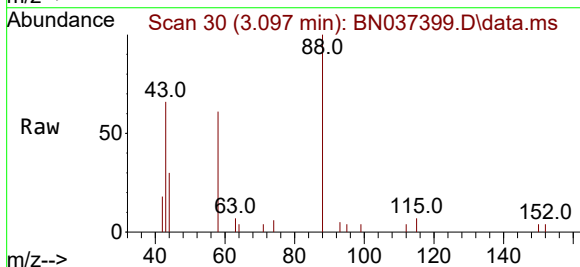


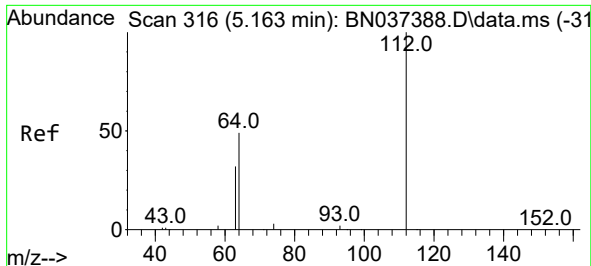
Tgt Ion:152 Resp: 1647
Ion Ratio Lower Upper
152 100
150 155.6 116.2 174.2
115 58.2 42.9 64.3



#2
1,4-Dioxane
Concen: 0.915 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30

Tgt Ion: 88 Resp: 1429
Ion Ratio Lower Upper
88 100
43 38.1 21.6 32.4#
58 53.4 45.9 68.9

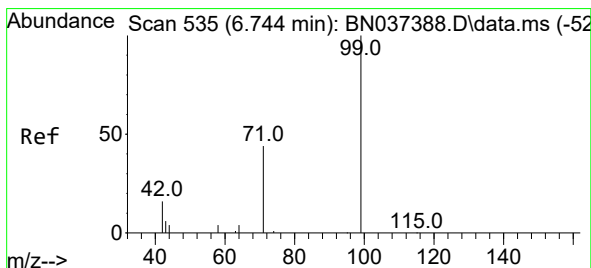
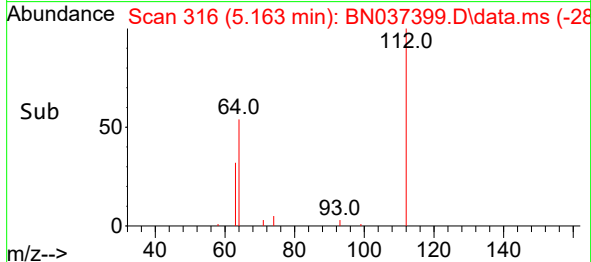
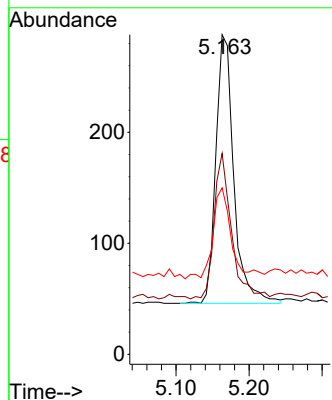
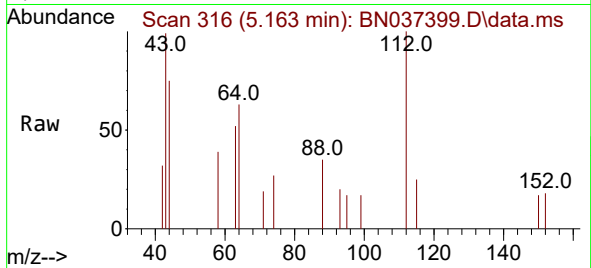




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.163 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30

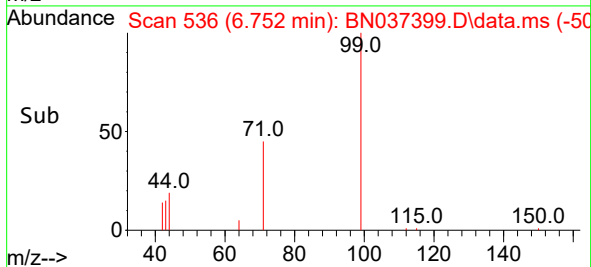
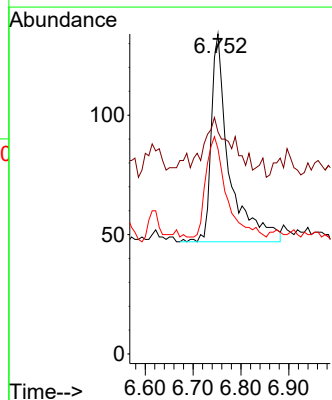
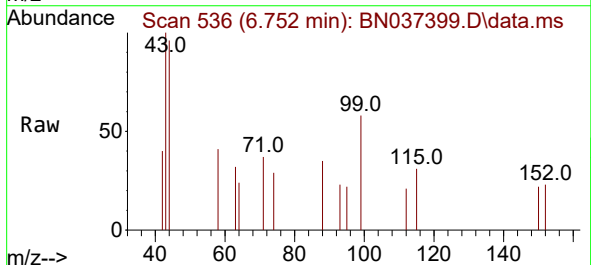
Instrument :
BNA_N
ClientSampleId :
TT192D2-20250617

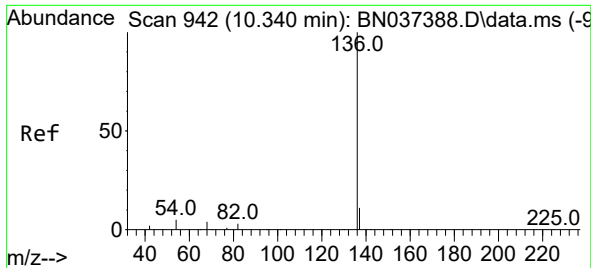
Tgt Ion:112 Resp: 413
Ion Ratio Lower Upper
112 100
64 52.3 40.3 60.5
63 33.2 26.1 39.1



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.752 min Scan# 536
Delta R.T. 0.008 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30

Tgt Ion: 99 Resp: 226
Ion Ratio Lower Upper
99 100
42 36.3 15.6 23.4#
71 56.6 35.8 53.8#

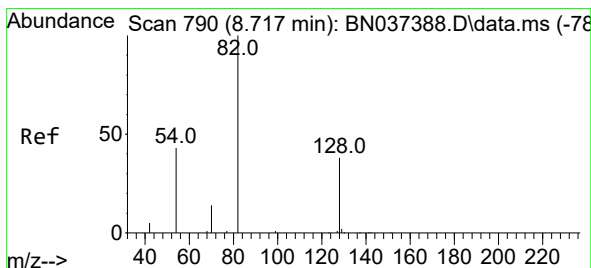
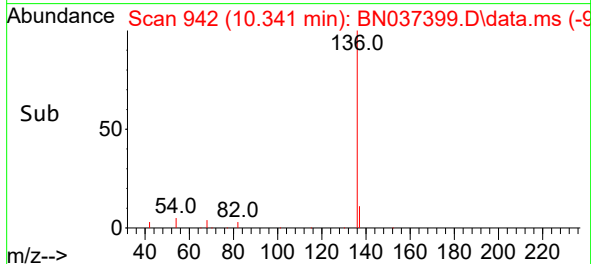
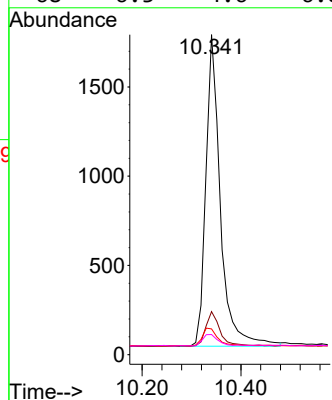
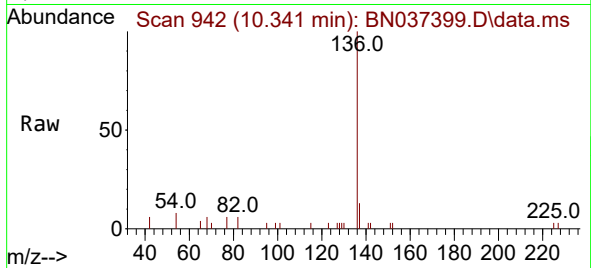




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.341 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30

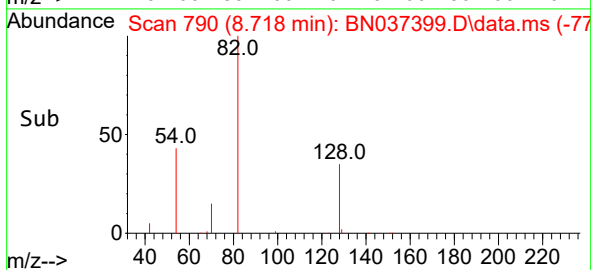
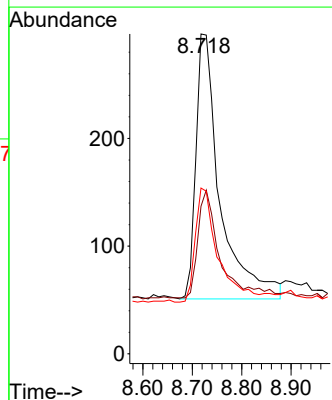
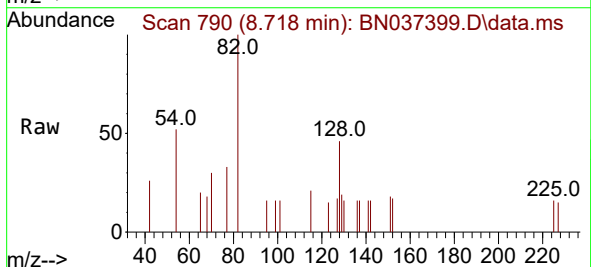
Instrument :
BNA_N
ClientSampleId :
TT192D2-20250617

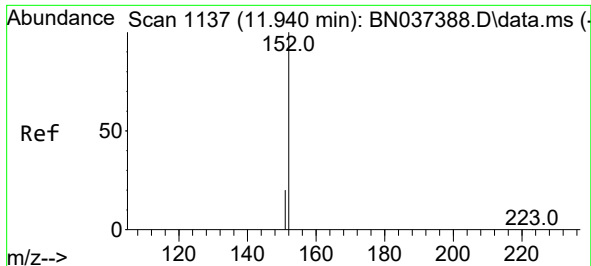
Tgt Ion:	136	Resp:	3570
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.4	15.6
54	8.0	5.6	8.4
68	6.3	4.6	6.8



#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.718 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30

Tgt Ion:	82	Resp:	836
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	51.9	37.7	56.5

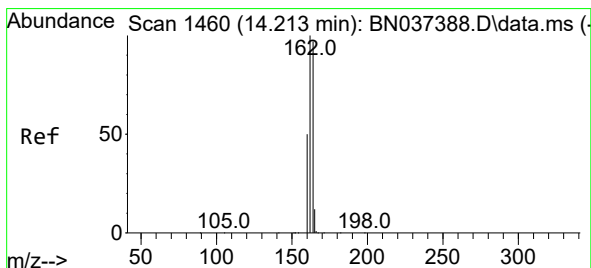
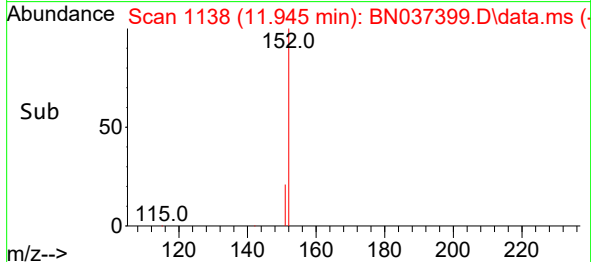
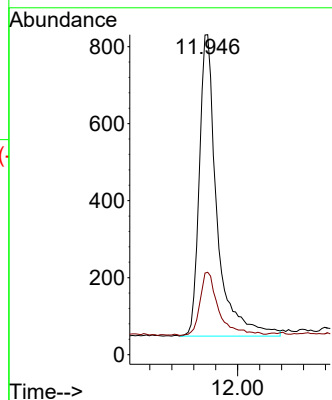
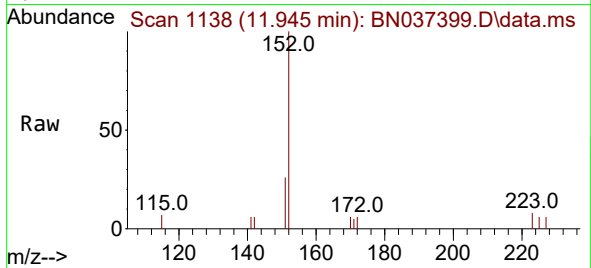




#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 11.945 min Scan# 1137
Delta R.T. 0.005 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30

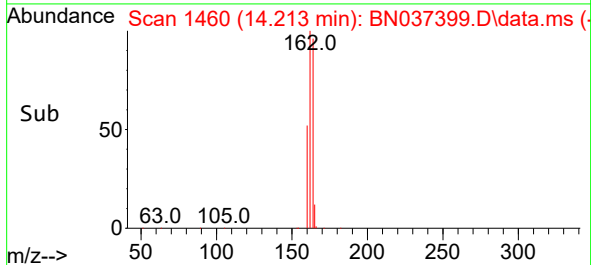
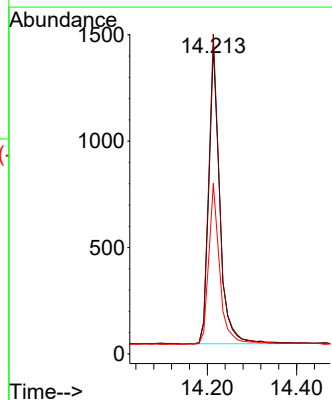
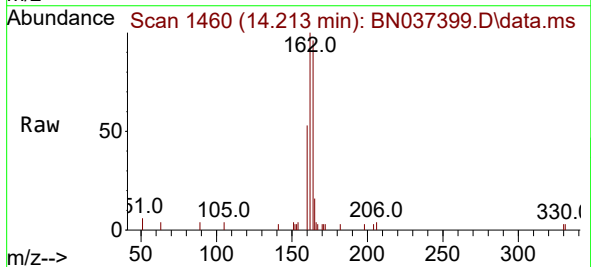
Instrument :
BNA_N
ClientSampleId :
TT192D2-20250617

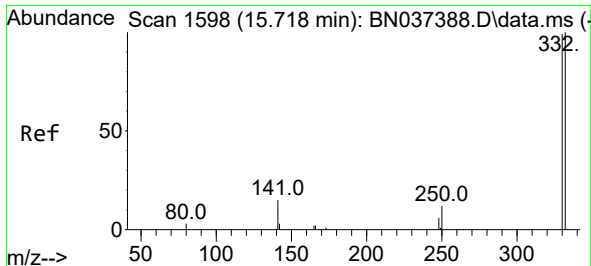
Tgt Ion:152 Resp: 1748
Ion Ratio Lower Upper
152 100
151 22.2 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30

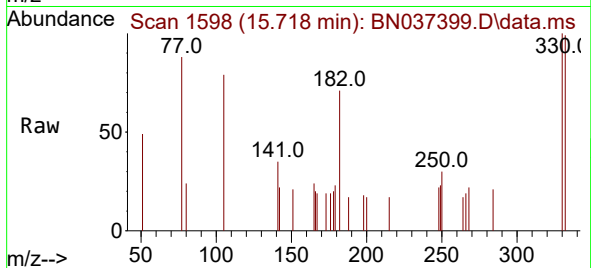
Tgt Ion:164 Resp: 2375
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 55.4 42.2 63.2



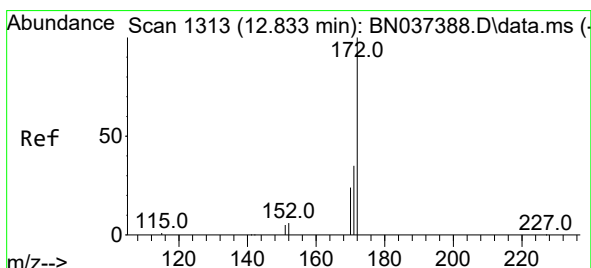
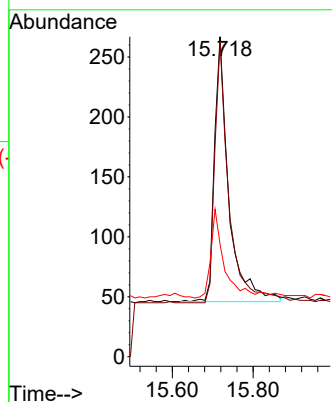
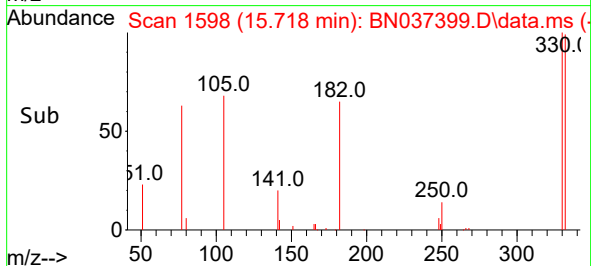


#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 15.718 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30

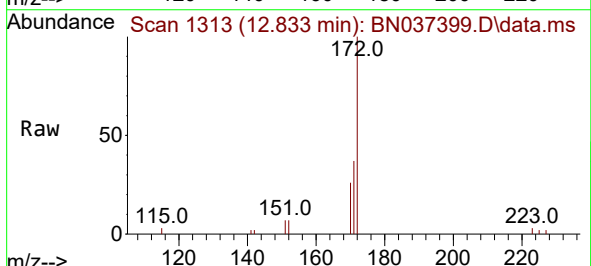
Instrument :
BNA_N
ClientSampleId :
TT192D2-20250617



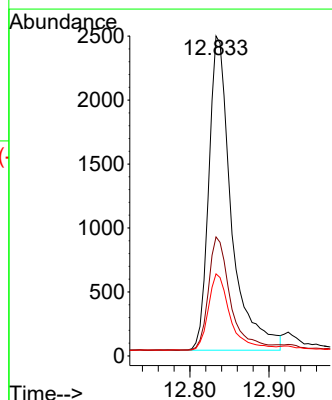
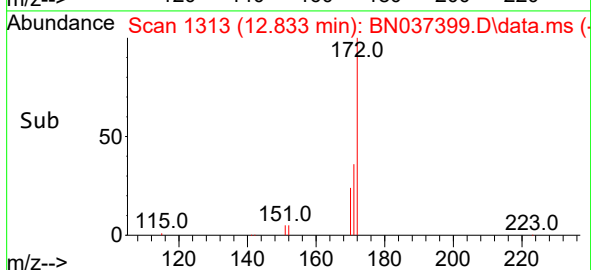
Tgt Ion:330 Resp: 542
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 30.6 24.0 36.0

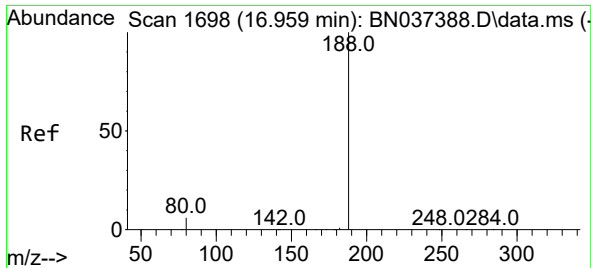


#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 12.833 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN037399.D
Acq: 26 Jun 2025 18:30



Tgt Ion:172 Resp: 4887
Ion Ratio Lower Upper
172 100
171 37.2 28.8 43.2
170 25.6 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.972 min Scan# 1699

Delta R.T. 0.013 min

Lab File: BN037399.D

Acq: 26 Jun 2025 18:30

Instrument :

BNA_N

ClientSampleId :

TT192D2-20250617

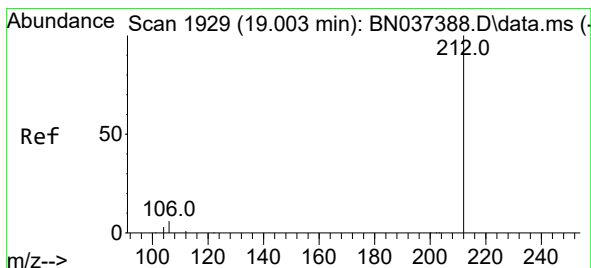
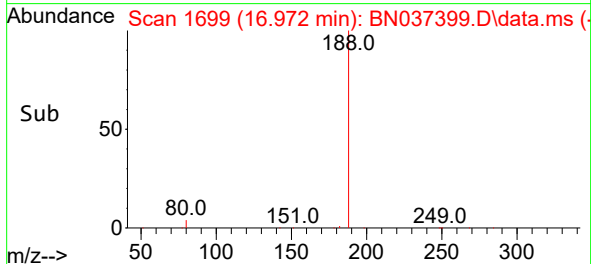
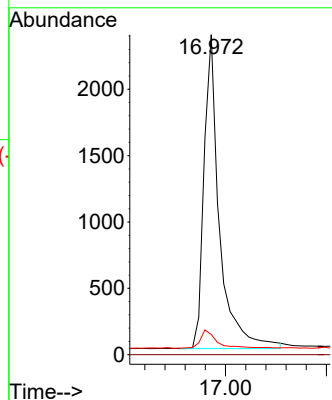
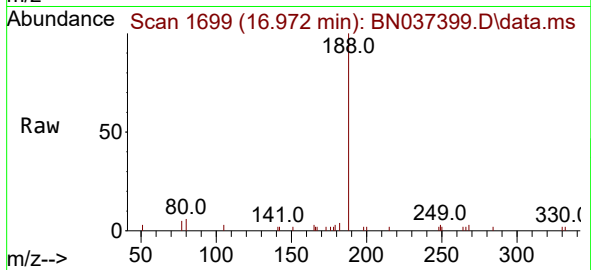
Tgt Ion:188 Resp: 5031

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.3 6.2 9.4



#27

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.003 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BN037399.D

Acq: 26 Jun 2025 18:30

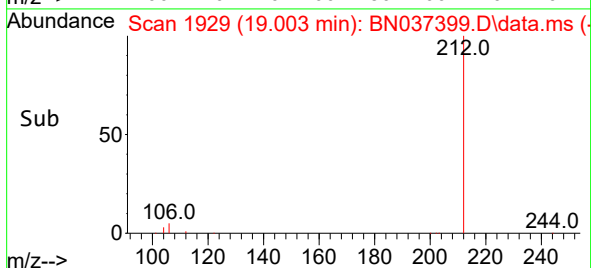
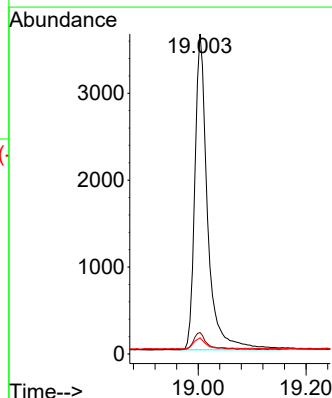
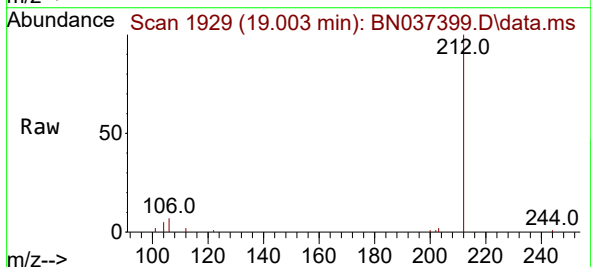
Tgt Ion:212 Resp: 5948

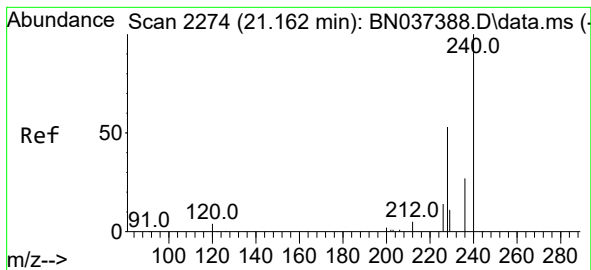
Ion Ratio Lower Upper

212 100

106 5.4 4.5 6.7

104 3.1 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: BN037399.D

Acq: 26 Jun 2025 18:30

Instrument :

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ClientSampleId :

TT192D2-20250617

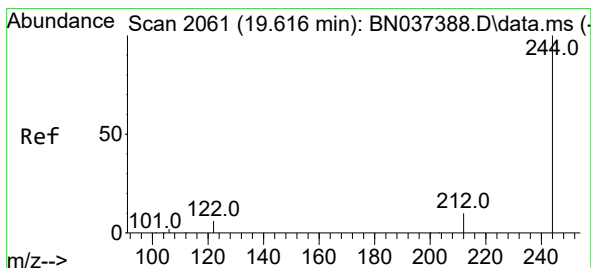
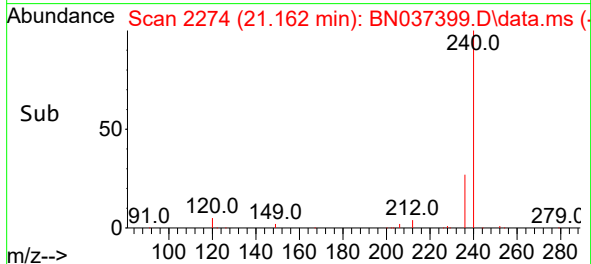
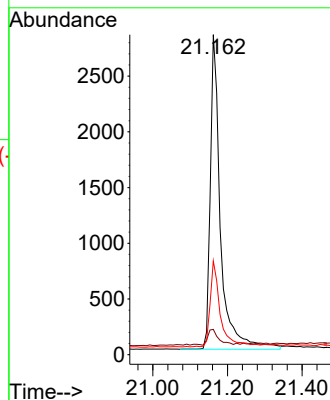
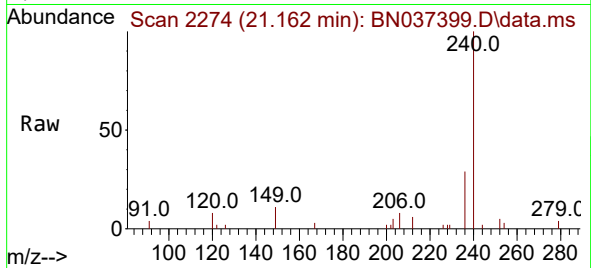
Tgt Ion:240 Resp: 5333

Ion Ratio Lower Upper

240 100

120 7.9 5.3 7.9

236 29.3 22.7 34.1



#31

Terphenyl-d14

Concen: 0.413 ng

RT: 19.612 min Scan# 2060

Delta R.T. -0.004 min

Lab File: BN037399.D

Acq: 26 Jun 2025 18:30

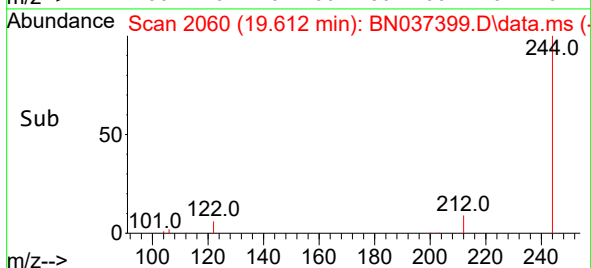
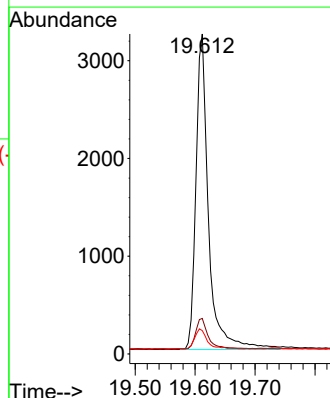
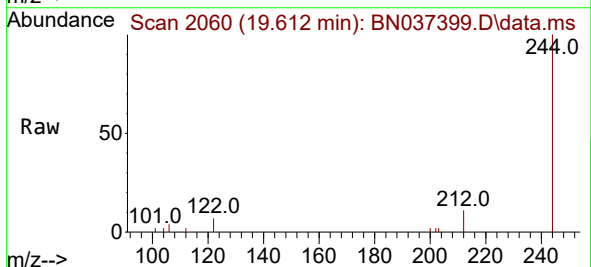
Tgt Ion:244 Resp: 4696

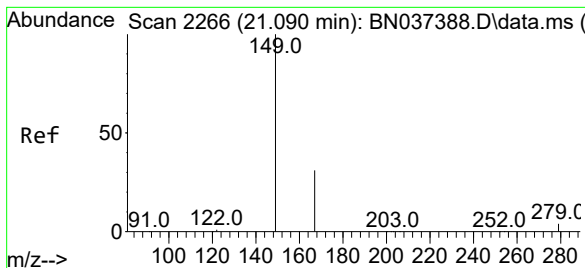
Ion Ratio Lower Upper

244 100

212 11.1 9.1 13.7

122 7.3 6.3 9.5

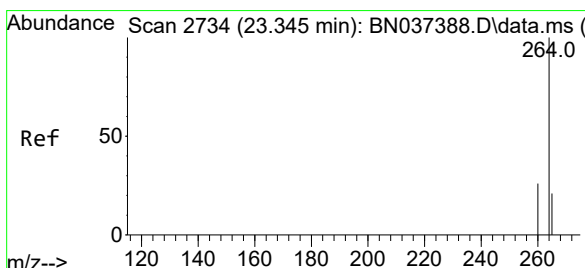
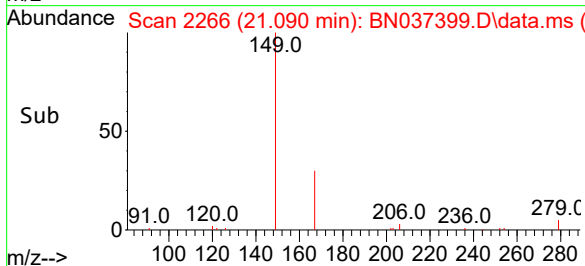
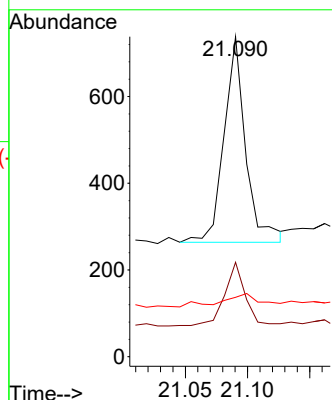
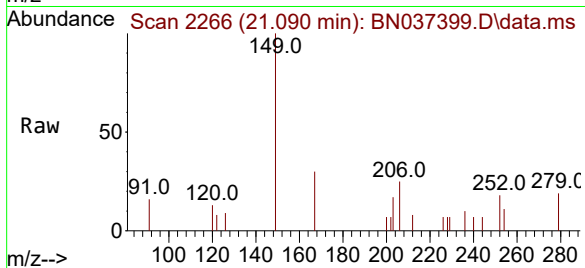




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 21.090 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: BN037399.D
 Acq: 26 Jun 2025 18:30

Instrument :
 BNA_N
 ClientSampleId :
 TT192D2-20250617

Tgt Ion:149 Resp: 574
 Ion Ratio Lower Upper
 149 100
 167 29.8 24.8 37.2
 279 11.3 5.0 7.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.345 min Scan# 2734
 Delta R.T. 0.000 min
 Lab File: BN037399.D
 Acq: 26 Jun 2025 18:30

Tgt Ion:264 Resp: 5697
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.4 32.0
 265 71.1 56.2 84.4

