

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
 Data File : BN037421.D
 Acq On : 27 Jun 2025 12:34
 Operator : RC/JU
 Sample : Q2373-01DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619DL

Quant Time: Jun 27 12:55:40 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)

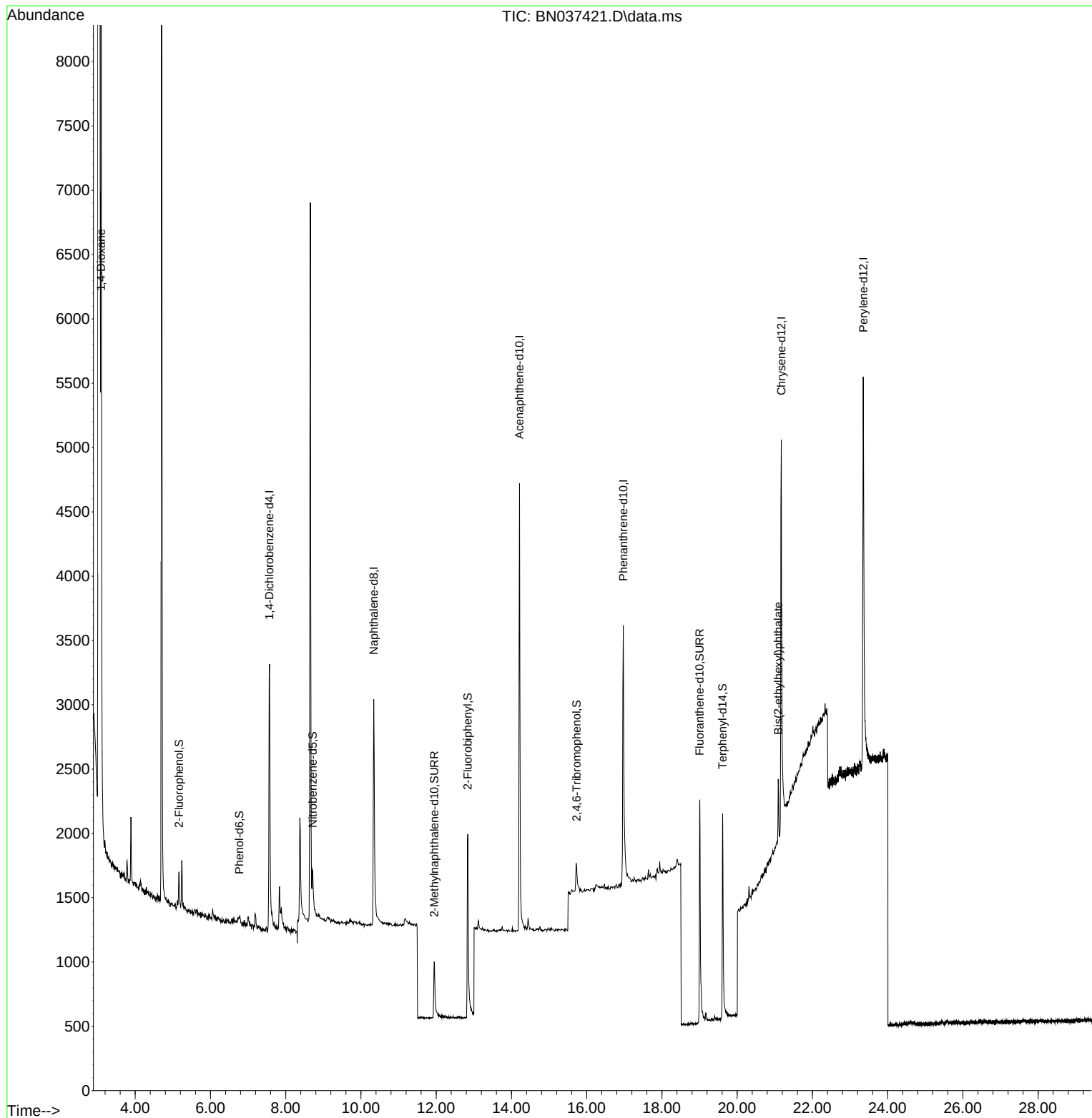
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1445	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3259	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2269	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	4629	0.400	ng	0.01
29) Chrysene-d12	21.171	240	4631	0.400	ng	# 0.00
35) Perylene-d12	23.351	264	4886	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	269	0.097	ng	0.00
5) Phenol-d6	6.766	99	120	0.042	ng	0.02
8) Nitrobenzene-d5	8.717	82	425	0.163	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	931	0.185	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	273	0.205	ng	0.01
15) 2-Fluorobiphenyl	12.838	172	1876	0.192	ng	0.00
27) Fluoranthene-d10	19.003	212	3025	0.228	ng	0.00
31) Terphenyl-d14	19.611	244	2372	0.240	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.090	88	5281	3.854	ng	97
34) Bis(2-ethylhexyl)phtha...	21.090	149	465	0.081	ng	# 98

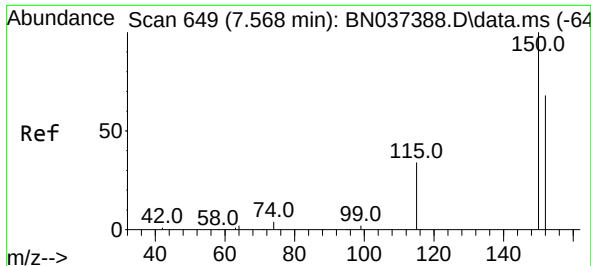
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW5-SP100-20250619DL

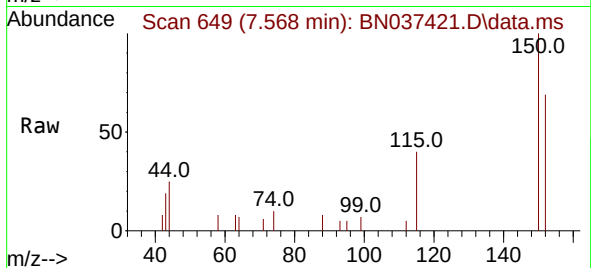
Quant Time: Jun 27 12:55:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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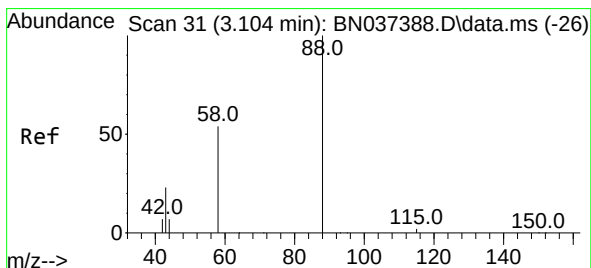
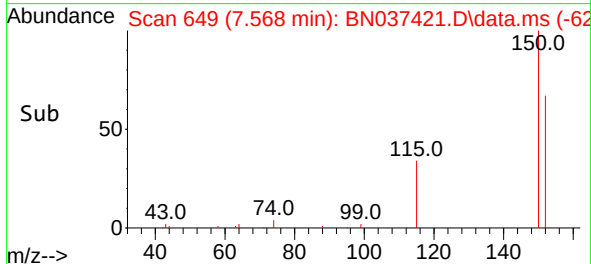
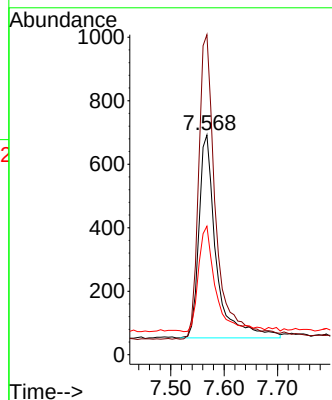


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037421.D
 Acq: 27 Jun 2025 12:34

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619DL

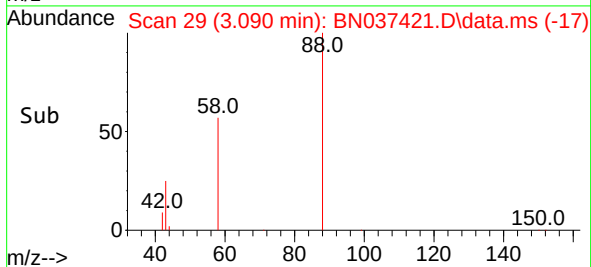
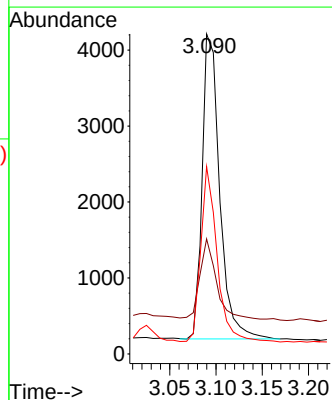
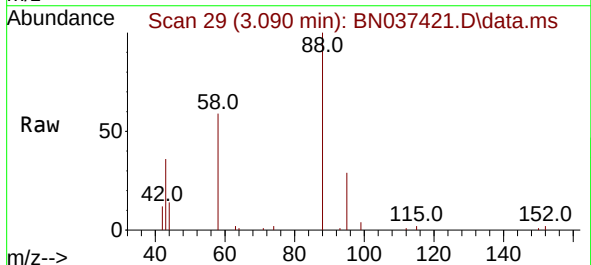


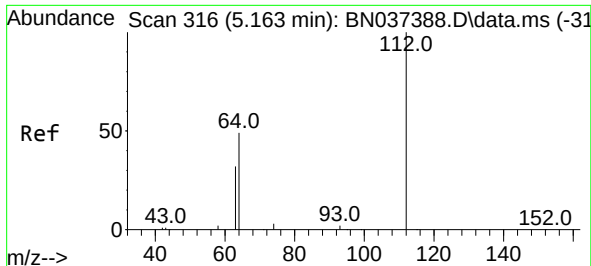
Tgt Ion:152 Resp: 1445
 Ion Ratio Lower Upper
 152 100
 150 145.7 116.2 174.2
 115 58.5 42.9 64.3



#2
 1,4-Dioxane
 Concen: 3.854 ng
 RT: 3.090 min Scan# 29
 Delta R.T. -0.015 min
 Lab File: BN037421.D
 Acq: 27 Jun 2025 12:34

Tgt Ion: 88 Resp: 5281
 Ion Ratio Lower Upper
 88 100
 43 26.6 21.6 32.4
 58 53.9 45.9 68.9





#4

2-Fluorophenol

Concen: 0.097 ng

RT: 5.163 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN037421.D

Acq: 27 Jun 2025 12:34

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250619DL

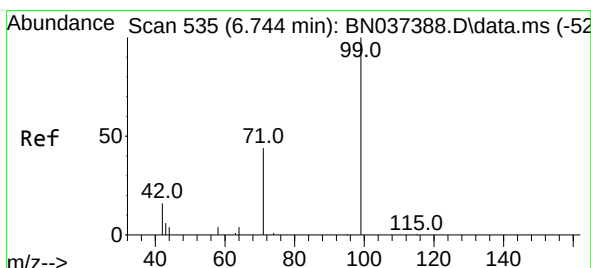
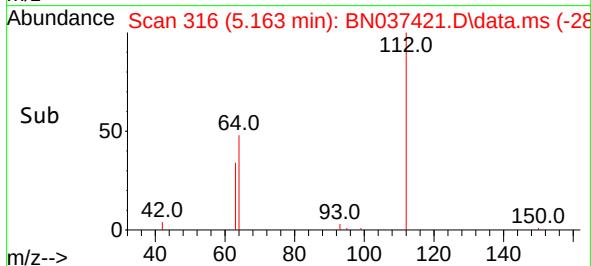
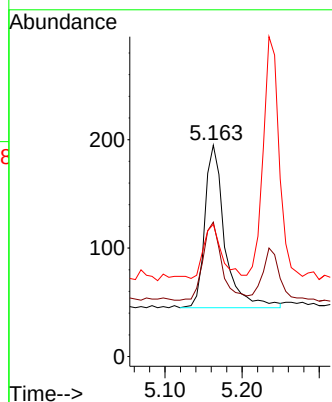
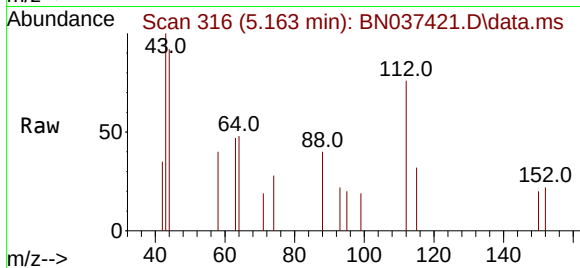
Tgt Ion:112 Resp: 269

Ion Ratio Lower Upper

112 100

64 45.0 40.3 60.5

63 30.9 26.1 39.1



#5

Phenol-d6

Concen: 0.042 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.022 min

Lab File: BN037421.D

Acq: 27 Jun 2025 12:34

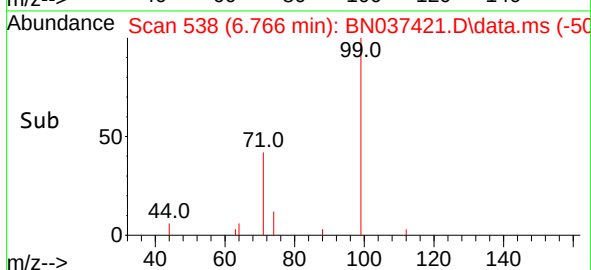
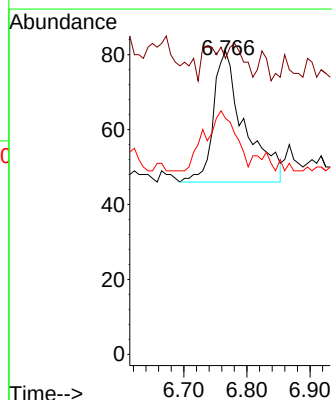
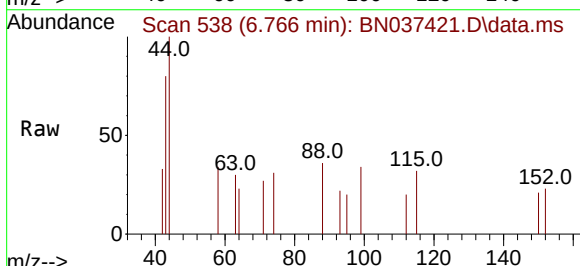
Tgt Ion: 99 Resp: 120

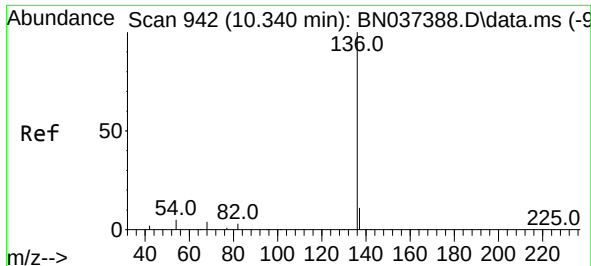
Ion Ratio Lower Upper

99 100

42 0.0 15.6 23.4#

71 47.5 35.8 53.8

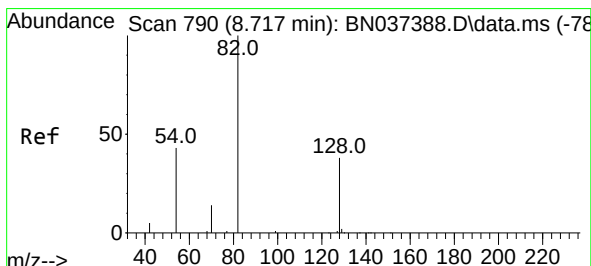
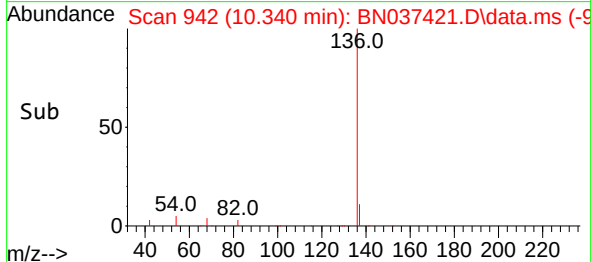
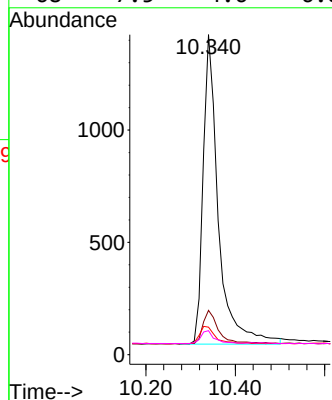
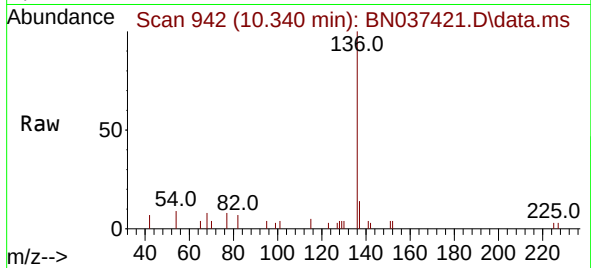




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34

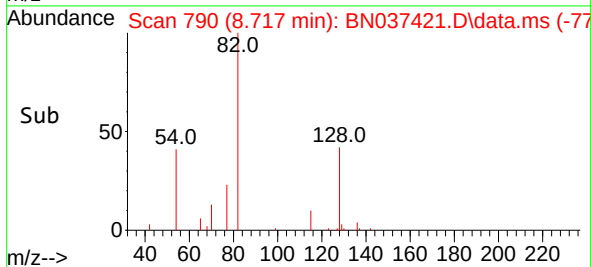
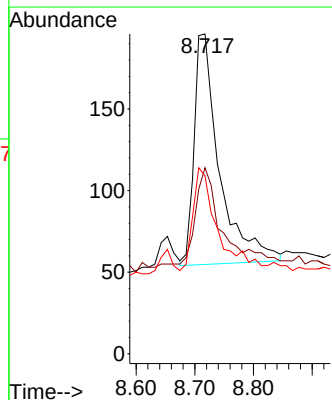
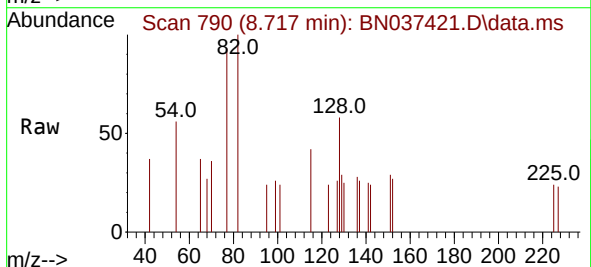
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619DL

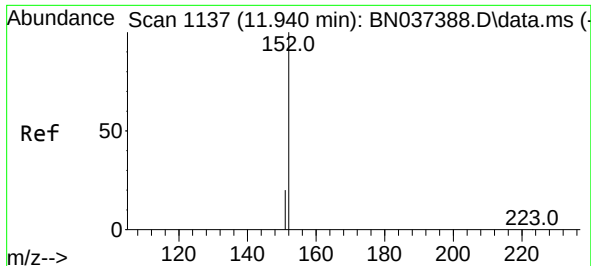
Tgt Ion:	136	Resp:	3259
Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.4	15.6
54	8.6	5.6	8.4#
68	7.5	4.6	6.8#



#8
Nitrobenzene-d5
Concen: 0.163 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34

Tgt Ion:	82	Resp:	425
Ion	Ratio	Lower	Upper
82	100		
128	58.2	34.0	51.0#
54	55.6	37.7	56.5

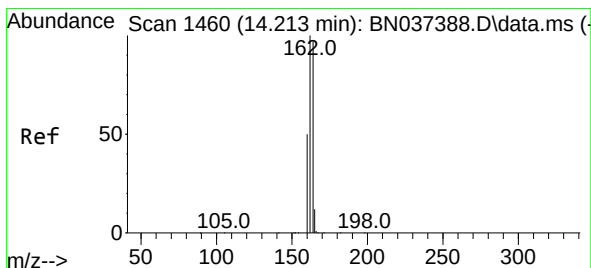
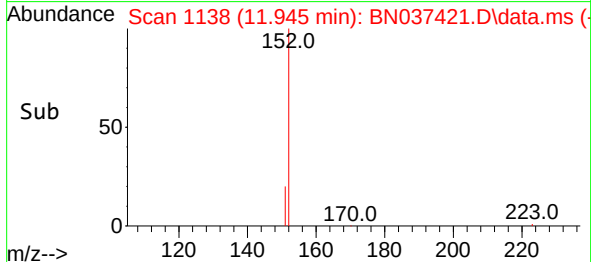
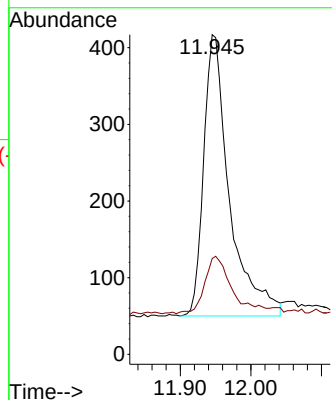
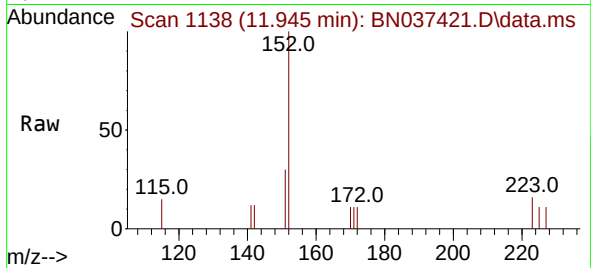




#11
2-Methylnaphthalene-d10
Concen: 0.185 ng
RT: 11.945 min Scan# 1138
Delta R.T. 0.005 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34

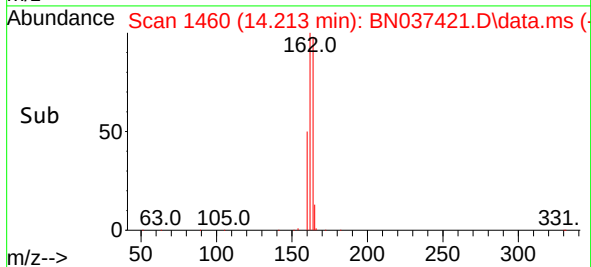
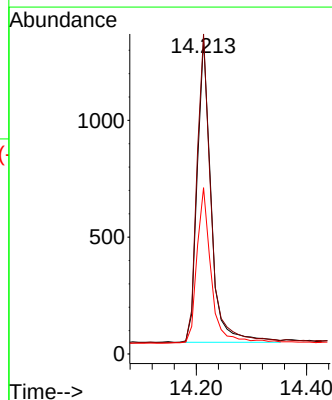
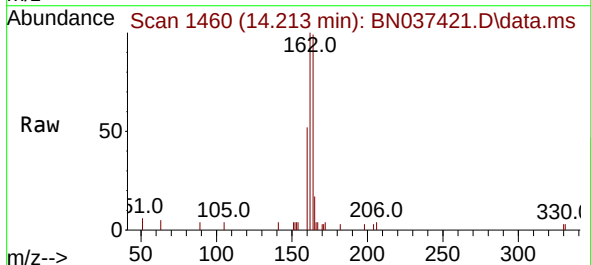
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619DL

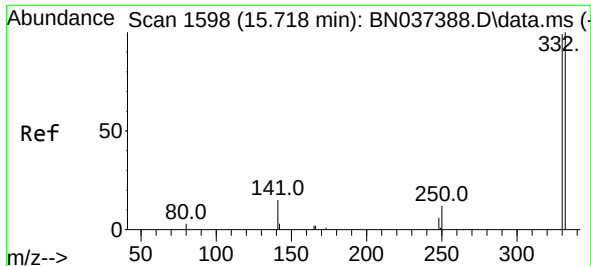
Tgt Ion:152 Resp: 931
Ion Ratio Lower Upper
152 100
151 21.5 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34

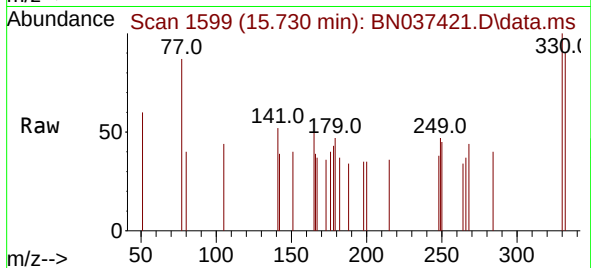
Tgt Ion:164 Resp: 2269
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 52.7 42.2 63.2



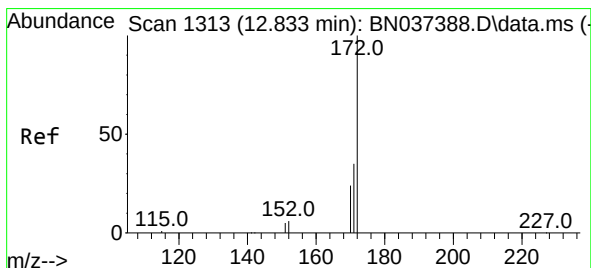
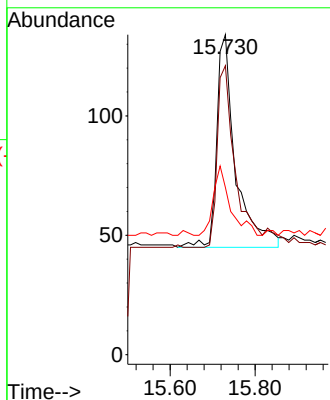
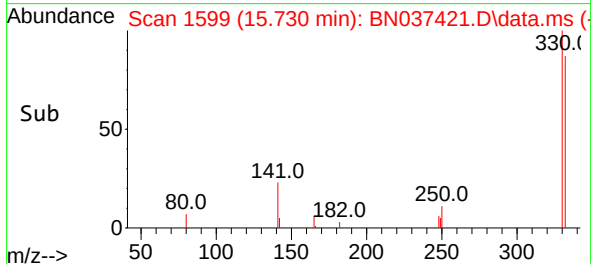


#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34

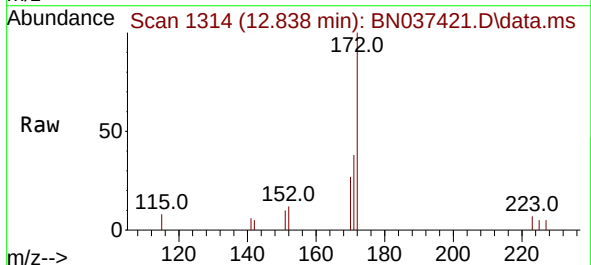
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619DL



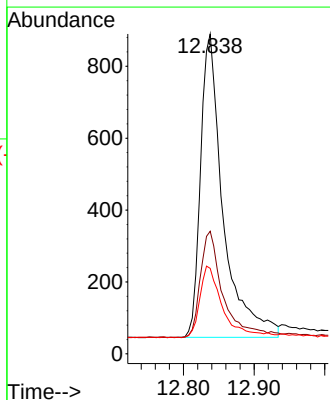
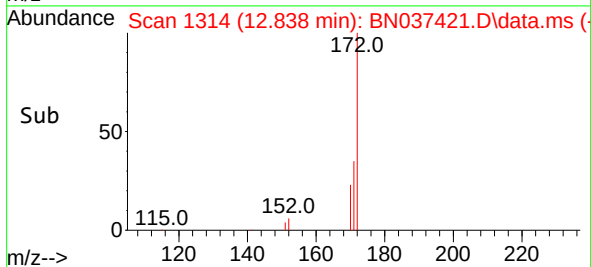
Tgt Ion:330 Resp: 273
Ion Ratio Lower Upper
330 100
332 81.3 77.8 116.8
141 29.3 24.0 36.0

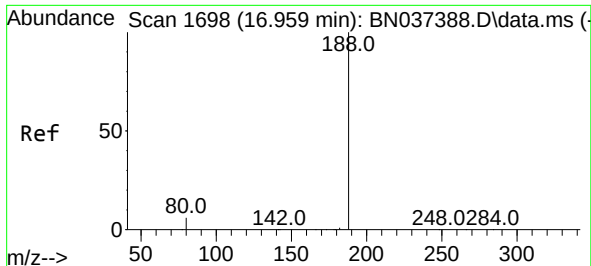


#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 12.838 min Scan# 1314
Delta R.T. 0.005 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34



Tgt Ion:172 Resp: 1876
Ion Ratio Lower Upper
172 100
171 38.3 28.8 43.2
170 26.7 20.3 30.5

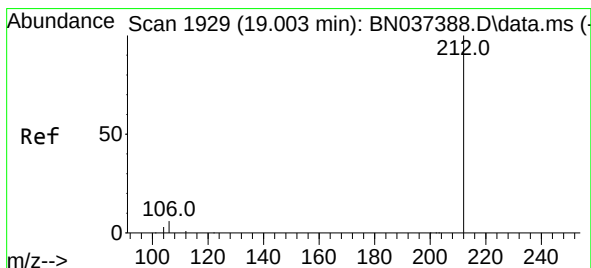
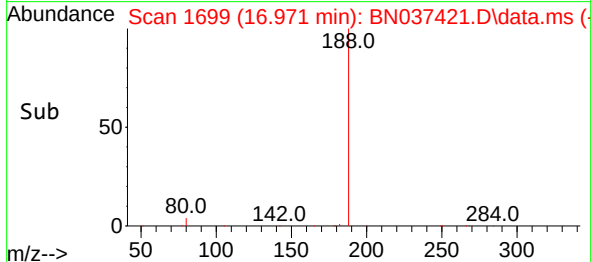
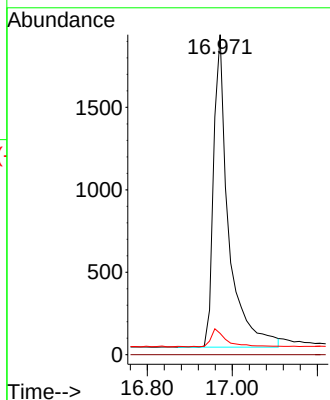
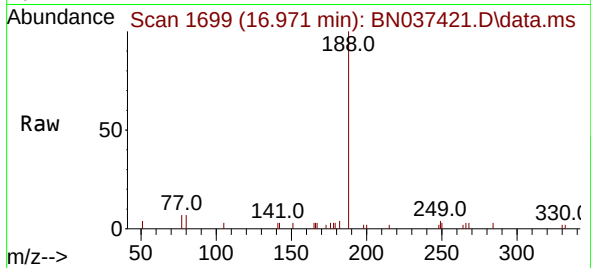




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34

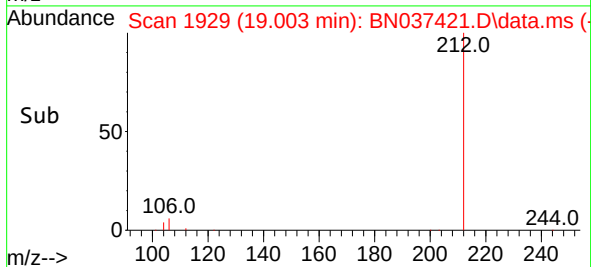
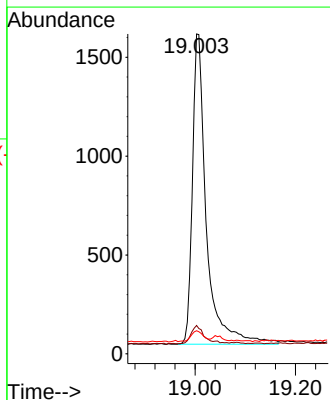
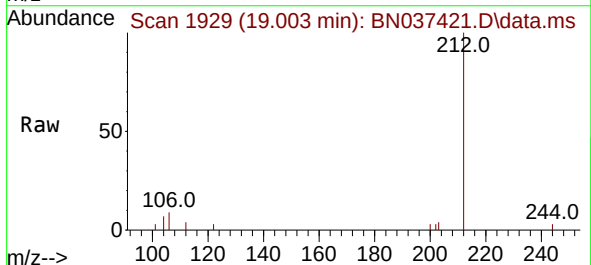
Instrument :
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ClientSampleId :
RW5-SP100-20250619DL

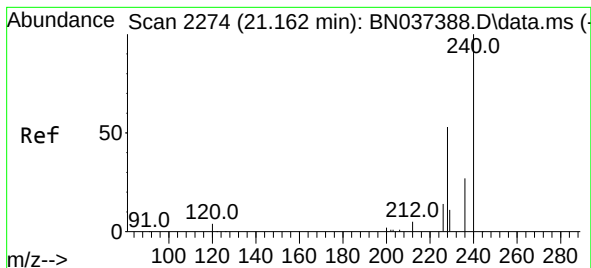
Tgt Ion:188 Resp: 4629
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.2 9.4



#27
Fluoranthene-d10
Concen: 0.228 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34

Tgt Ion:212 Resp: 3025
Ion Ratio Lower Upper
212 100
106 5.7 4.5 6.7
104 2.8 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN037421.D

Acq: 27 Jun 2025 12:34

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250619DL

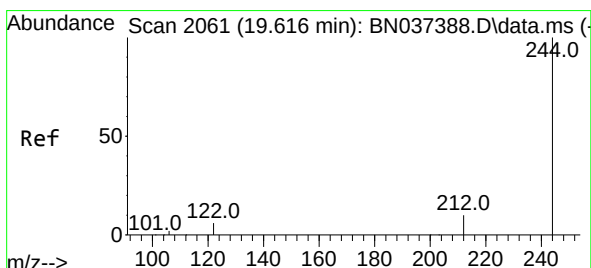
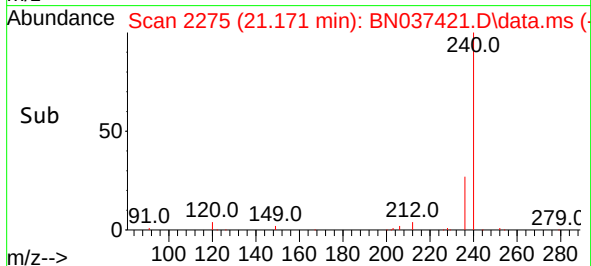
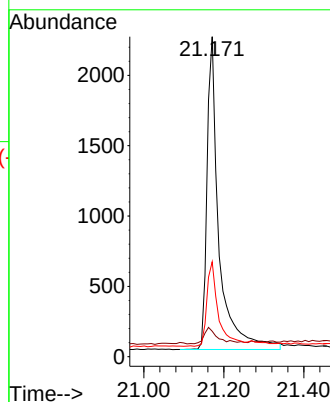
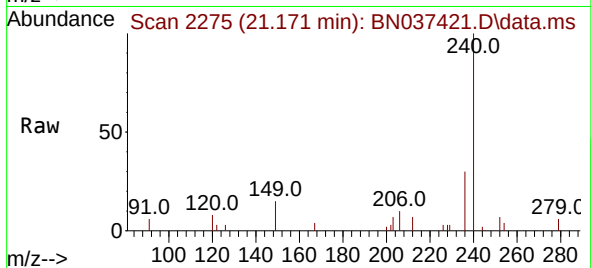
Tgt Ion:240 Resp: 4631

Ion Ratio Lower Upper

240 100

120 8.0 5.3 7.9#

236 29.7 22.7 34.1



#31

Terphenyl-d14

Concen: 0.240 ng

RT: 19.611 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037421.D

Acq: 27 Jun 2025 12:34

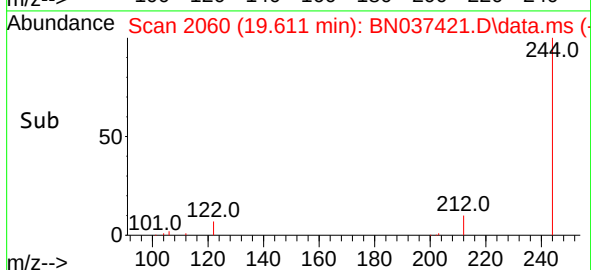
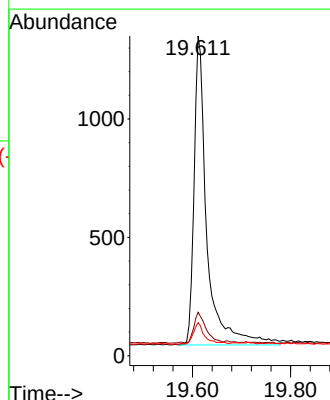
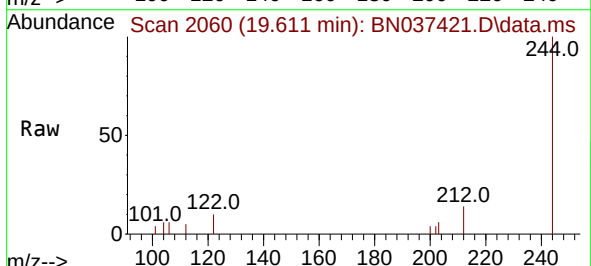
Tgt Ion:244 Resp: 2372

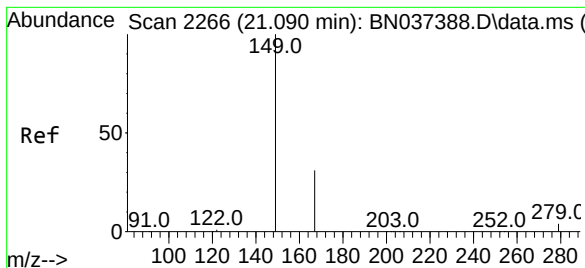
Ion Ratio Lower Upper

244 100

212 13.6 9.1 13.7

122 10.4 6.3 9.5#

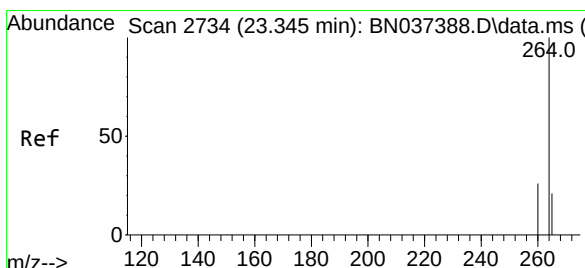
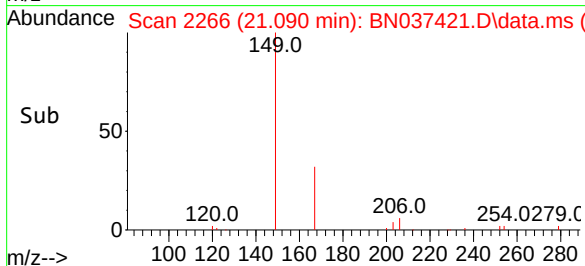
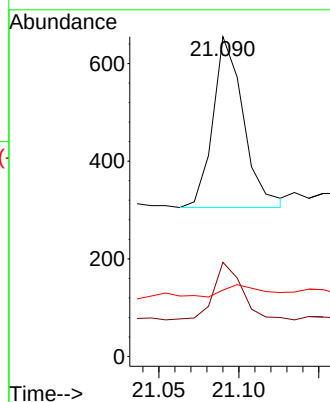
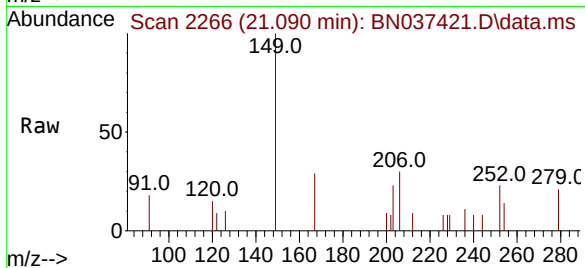




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.090 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619DL

Tgt Ion:149 Resp: 465
Ion Ratio Lower Upper
149 100
167 31.4 24.8 37.2
279 8.8 5.0 7.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.351 min Scan# 2736
Delta R.T. 0.006 min
Lab File: BN037421.D
Acq: 27 Jun 2025 12:34

Tgt Ion:264 Resp: 4886
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.0
265 91.3 56.2 84.4#

