

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037408.D
 Acq On : 27 Jun 2025 00:40
 Operator : RC/JU
 Sample : Q2373-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250619

Quant Time: Jun 27 03:01:47 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)

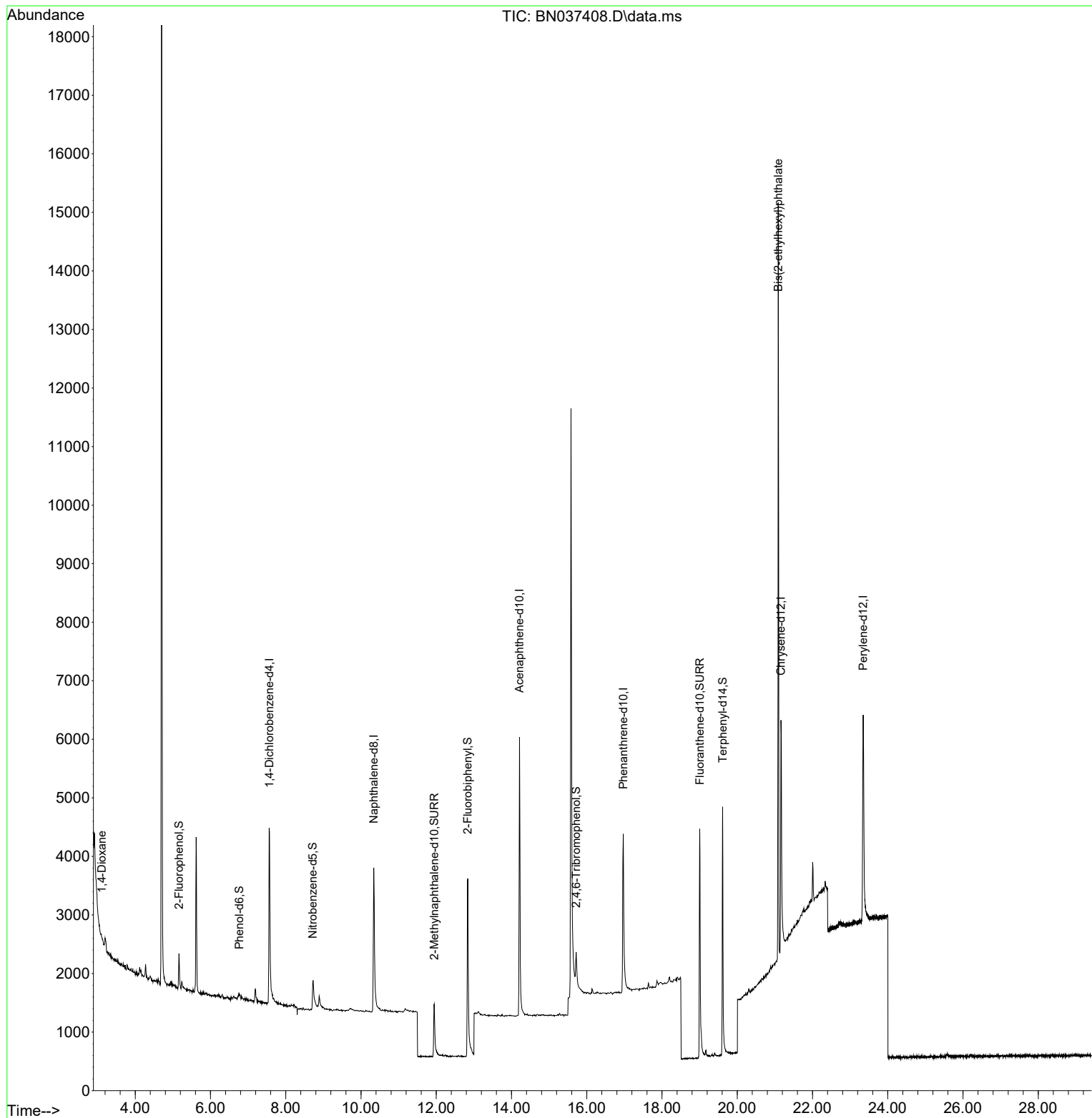
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	2127	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	4523	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	3031	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5854	0.400	ng	0.01
29) Chrysene-d12	21.162	240	5581	0.400	ng	# 0.00
35) Perylene-d12	23.348	264	5749	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	511	0.125	ng	0.00
5) Phenol-d6	6.766	99	211	0.050	ng	0.02
8) Nitrobenzene-d5	8.717	82	879	0.243	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	1904	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	504	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	3999	0.306	ng	0.00
27) Fluoranthene-d10	19.003	212	6184	0.369	ng	0.00
31) Terphenyl-d14	19.611	244	5251	0.441	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.111	88	67	0.033	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.090	149	10416	1.500	ng	100

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

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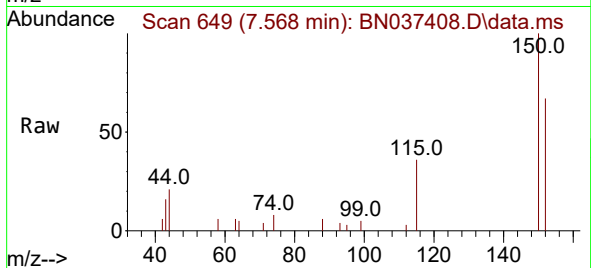
Quant Time: Jun 27 03:01:47 2025
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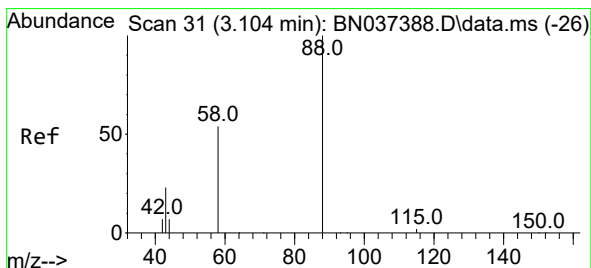
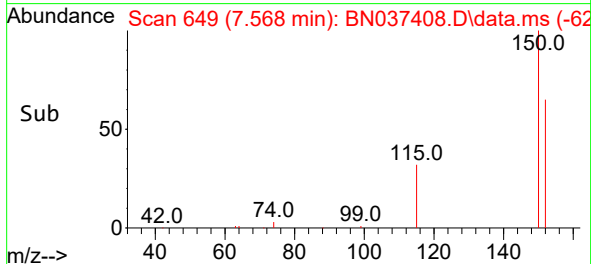
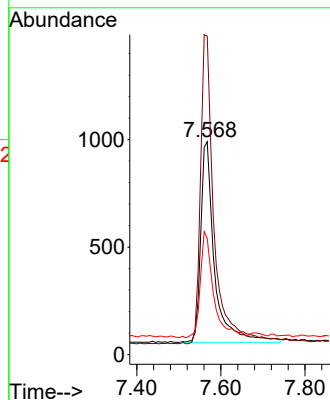


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037408.D
 Acq: 27 Jun 2025 00:40

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250619

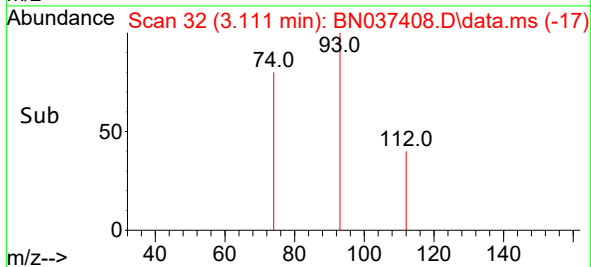
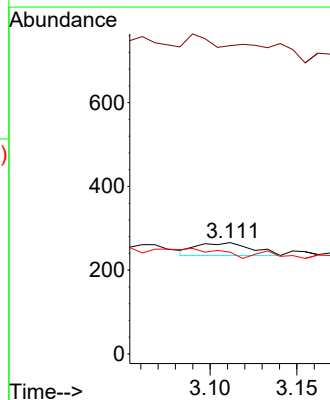
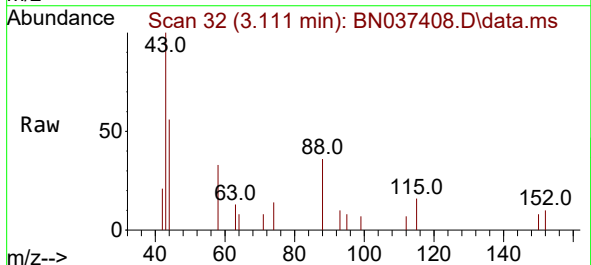


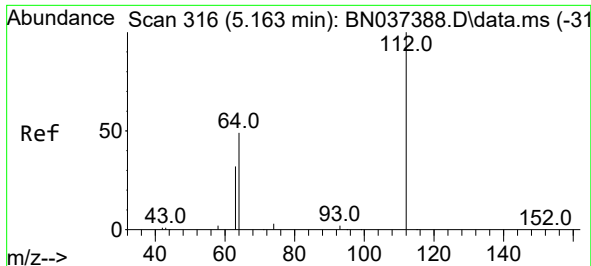
Tgt Ion:152 Resp: 2127
 Ion Ratio Lower Upper
 152 100
 150 149.6 116.2 174.2
 115 54.5 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.111 min Scan# 32
 Delta R.T. 0.007 min
 Lab File: BN037408.D
 Acq: 27 Jun 2025 00:40

Tgt Ion: 88 Resp: 67
 Ion Ratio Lower Upper
 88 100
 43 0.0 21.6 32.4#
 58 0.0 45.9 68.9#





#4

2-Fluorophenol

Concen: 0.125 ng

RT: 5.163 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN037408.D

Acq: 27 Jun 2025 00:40

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20250619

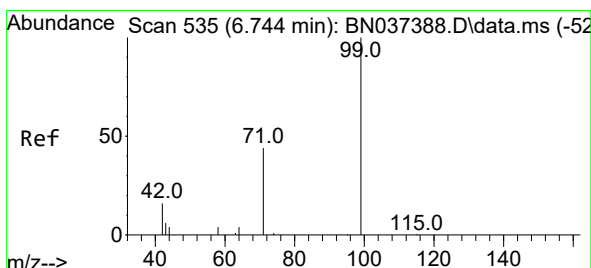
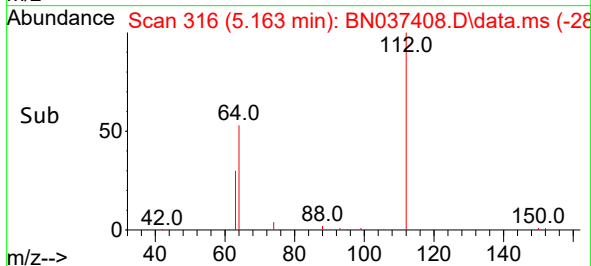
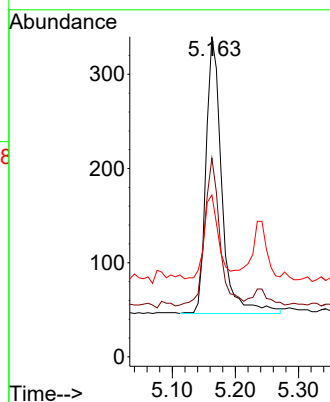
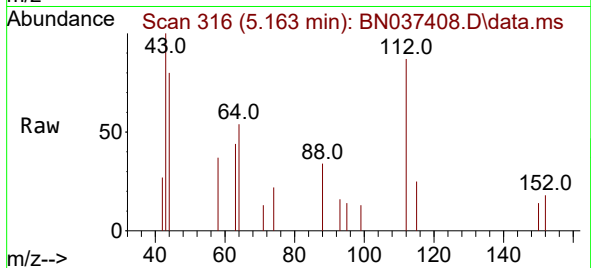
Tgt Ion:112 Resp: 511

Ion Ratio Lower Upper

112 100

64 52.1 40.3 60.5

63 31.9 26.1 39.1



#5

Phenol-d6

Concen: 0.050 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.022 min

Lab File: BN037408.D

Acq: 27 Jun 2025 00:40

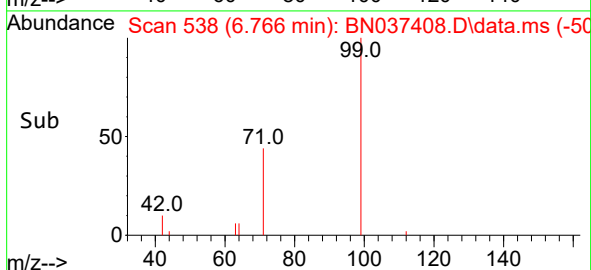
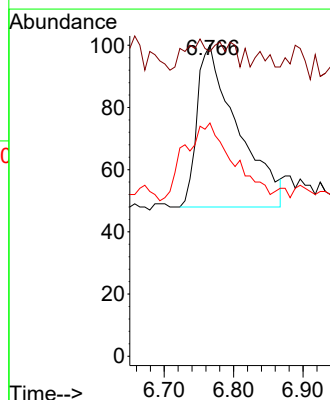
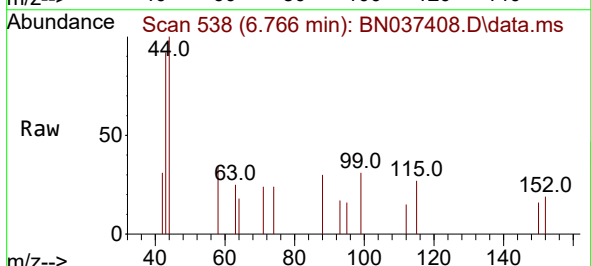
Tgt Ion: 99 Resp: 211

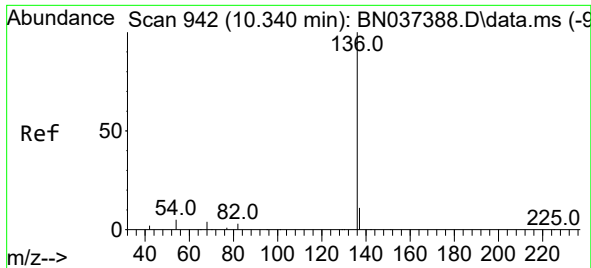
Ion Ratio Lower Upper

99 100

42 10.9 15.6 23.4#

71 57.8 35.8 53.8#

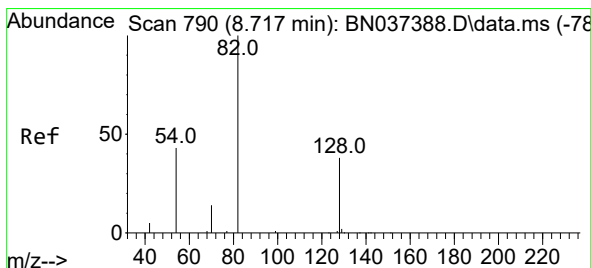
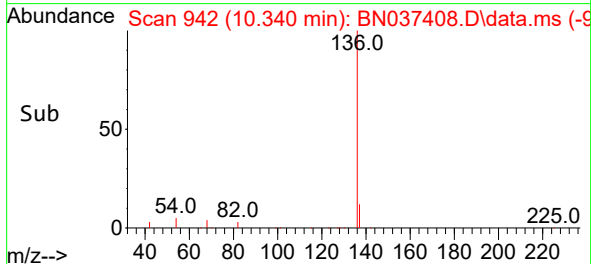
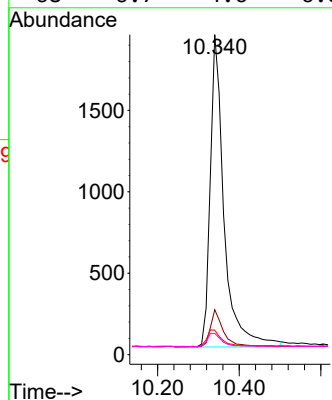
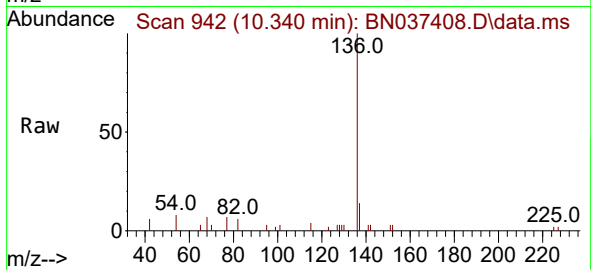




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037408.D
Acq: 27 Jun 2025 00:40

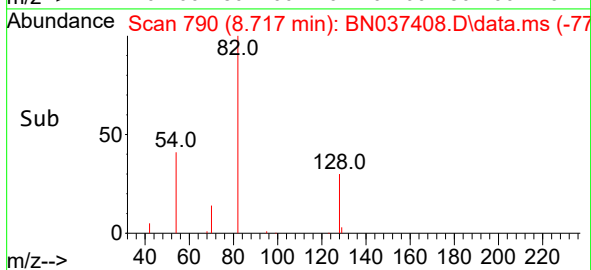
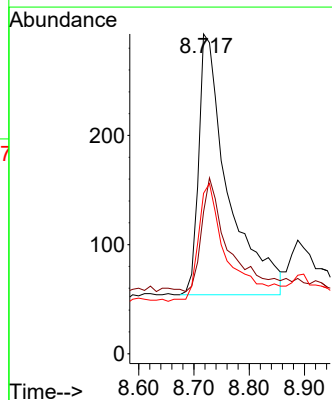
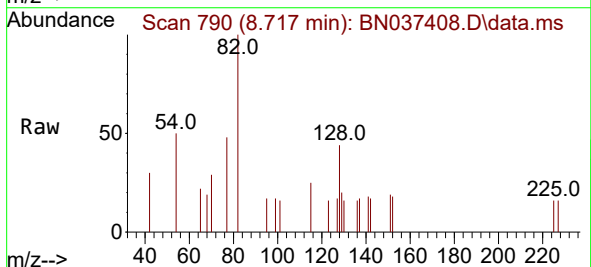
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250619

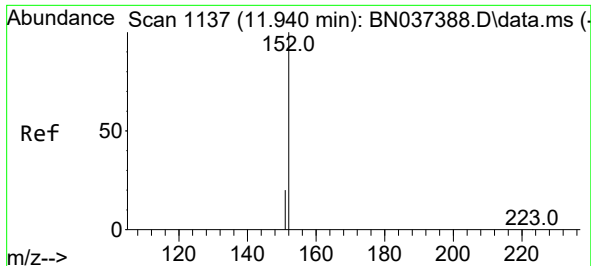
Tgt Ion:	136	Resp:	4523
Ion	Ratio	Lower	Upper
136	100		
137	14.0	10.4	15.6
54	7.6	5.6	8.4
68	6.7	4.6	6.8



#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN037408.D
Acq: 27 Jun 2025 00:40

Tgt Ion:	82	Resp:	879
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	50.2	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.272 ng

RT: 11.945 min Scan# 1138

Delta R.T. 0.005 min

Lab File: BN037408.D

Acq: 27 Jun 2025 00:40

Instrument :

BNA_N

ClientSampleId :

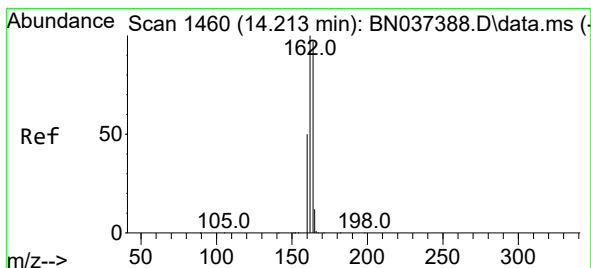
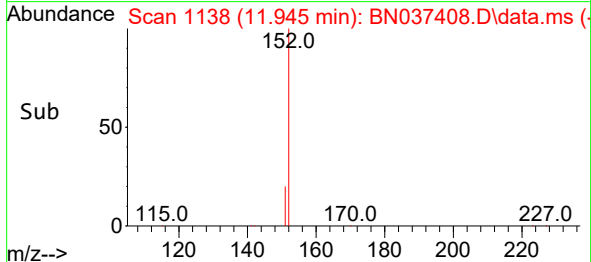
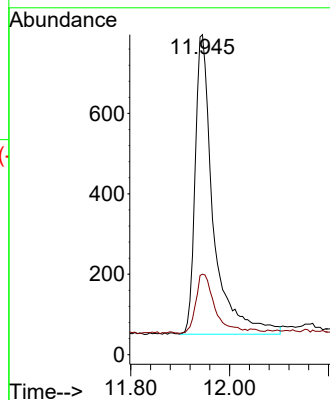
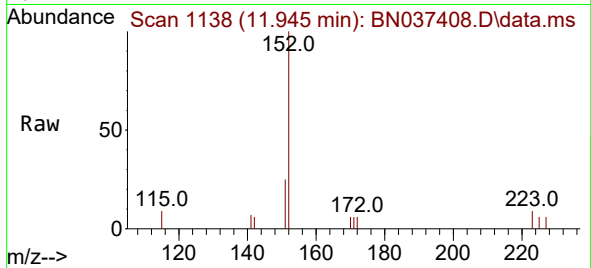
RW5-SP303-20250619

Tgt Ion:152 Resp: 1904

Ion Ratio Lower Upper

152 100

151 20.8 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: BN037408.D

Acq: 27 Jun 2025 00:40

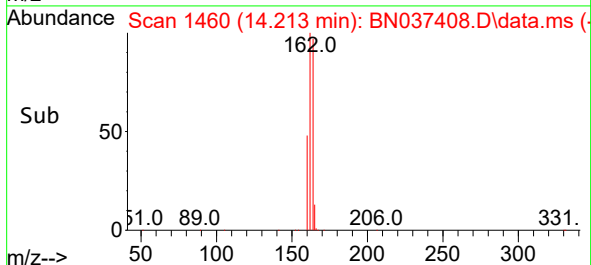
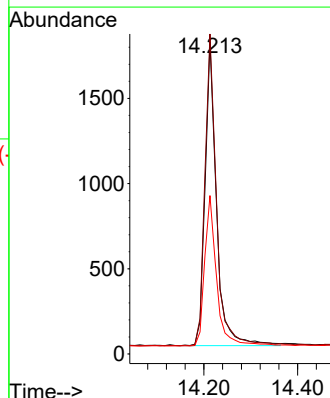
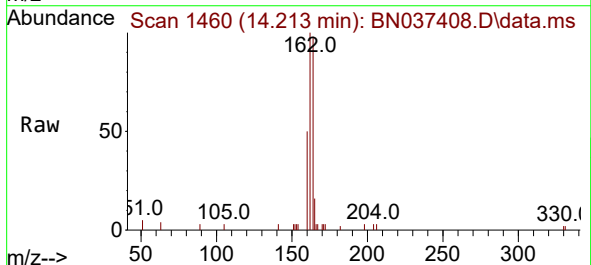
Tgt Ion:164 Resp: 3031

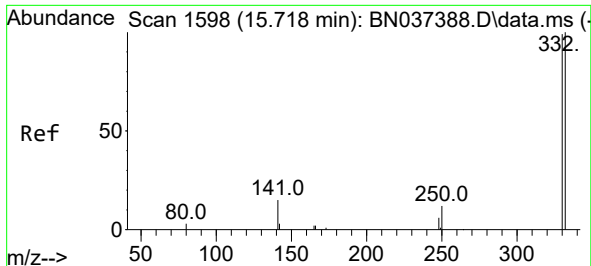
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 50.8 42.2 63.2

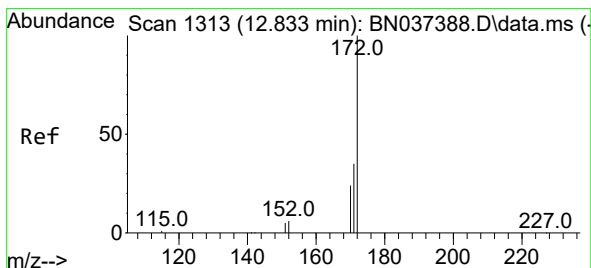
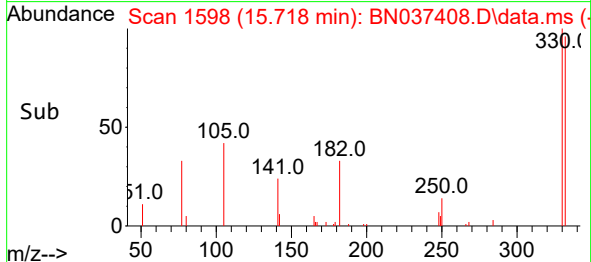
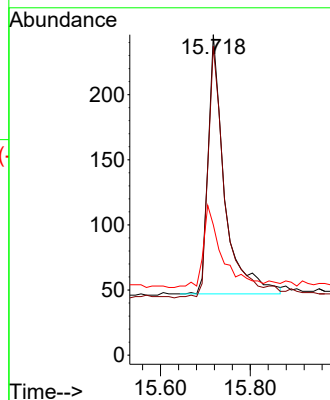
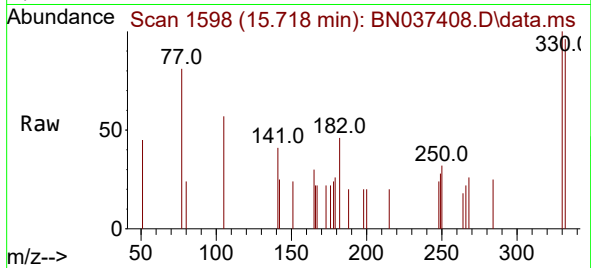




#14
 2,4,6-Tribromophenol
 Concen: 0.283 ng
 RT: 15.718 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN037408.D
 Acq: 27 Jun 2025 00:40

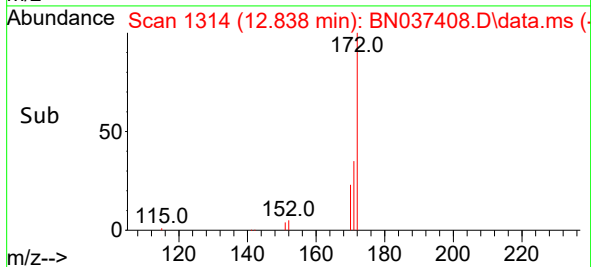
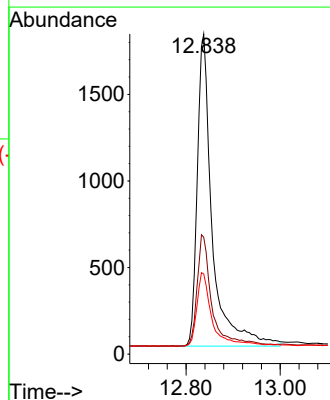
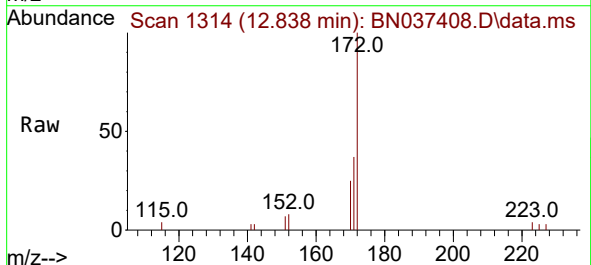
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250619

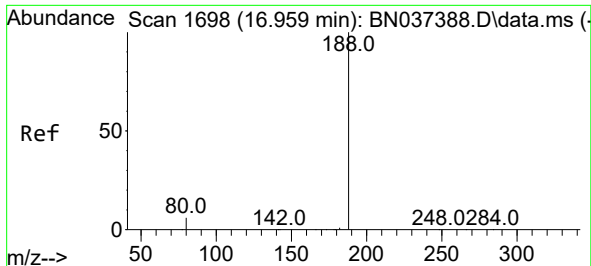
Tgt Ion: 330 Resp: 504
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.8 116.8
 141 35.7 24.0 36.0



#15
 2-Fluorobiphenyl
 Concen: 0.306 ng
 RT: 12.838 min Scan# 1314
 Delta R.T. 0.005 min
 Lab File: BN037408.D
 Acq: 27 Jun 2025 00:40

Tgt Ion: 172 Resp: 3999
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.8 43.2
 170 25.0 20.3 30.5

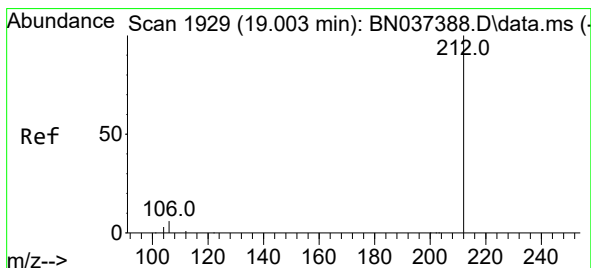
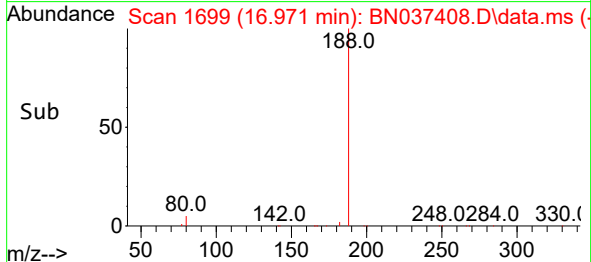
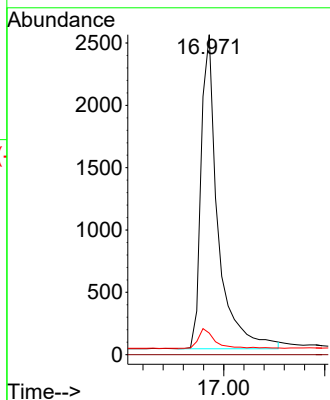
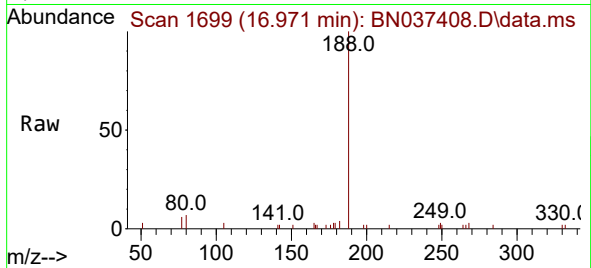




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037408.D
Acq: 27 Jun 2025 00:40

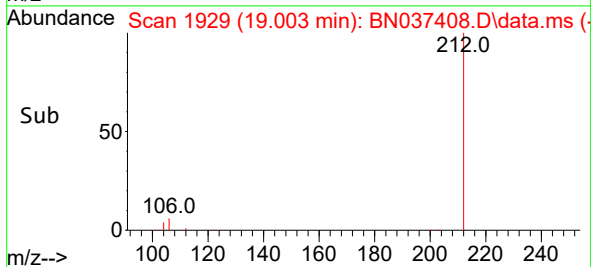
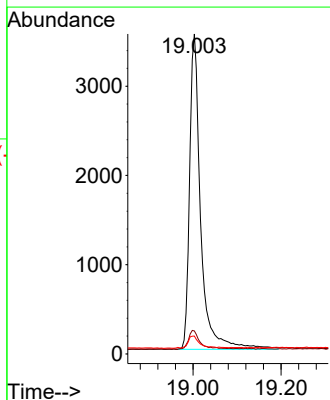
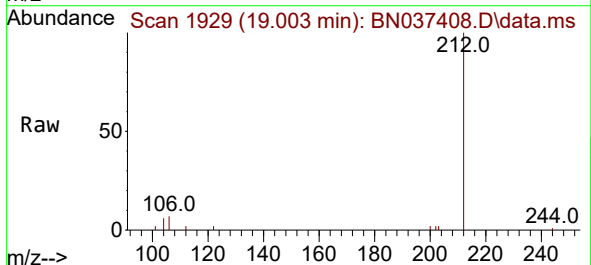
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250619

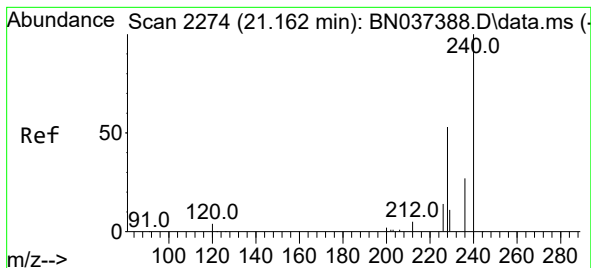
Tgt Ion:188 Resp: 5854
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 6.2 9.4



#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037408.D
Acq: 27 Jun 2025 00:40

Tgt Ion:212 Resp: 6184
Ion Ratio Lower Upper
212 100
106 6.0 4.5 6.7
104 4.0 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: BN037408.D

Acq: 27 Jun 2025 00:40

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20250619

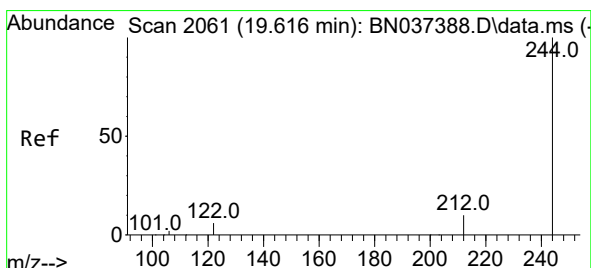
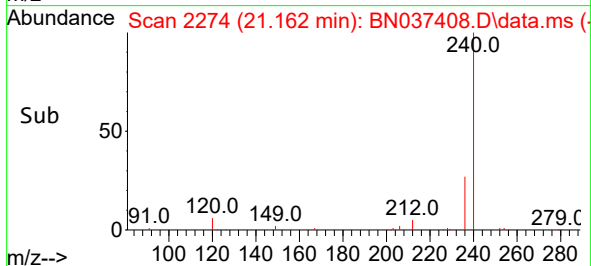
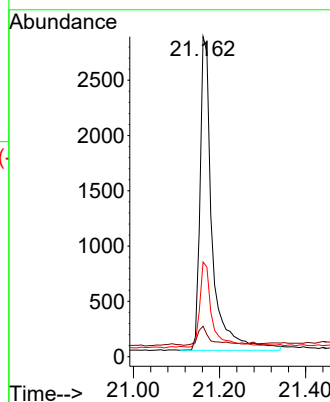
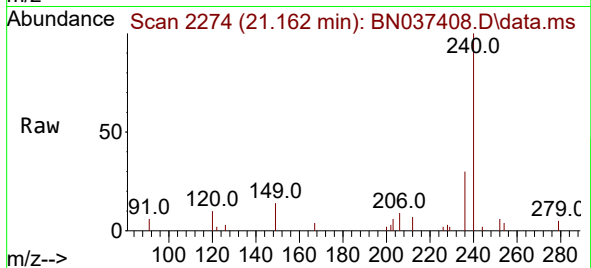
Tgt Ion:240 Resp: 5581

Ion Ratio Lower Upper

240 100

120 9.5 5.3 7.9#

236 29.6 22.7 34.1



#31

Terphenyl-d14

Concen: 0.441 ng

RT: 19.611 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037408.D

Acq: 27 Jun 2025 00:40

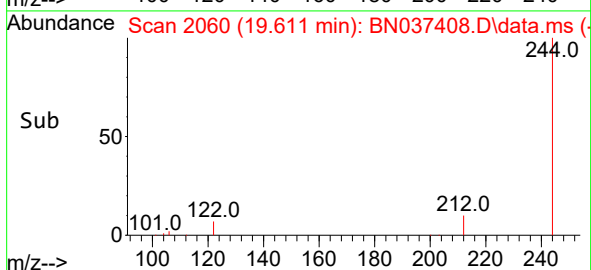
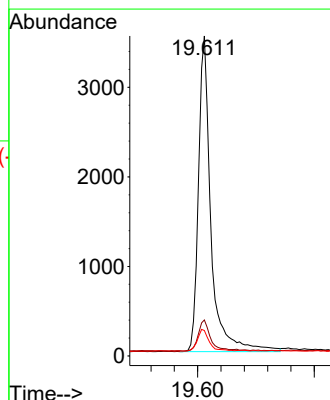
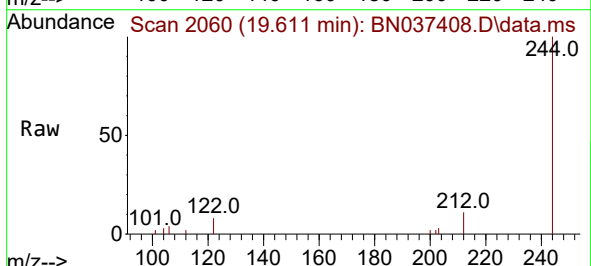
Tgt Ion:244 Resp: 5251

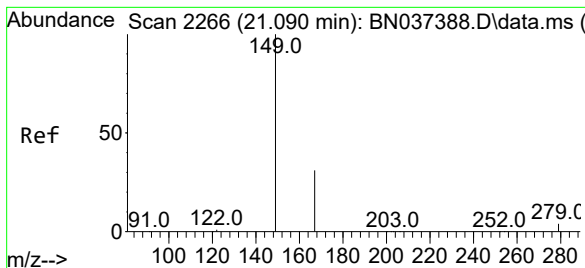
Ion Ratio Lower Upper

244 100

212 11.3 9.1 13.7

122 7.9 6.3 9.5

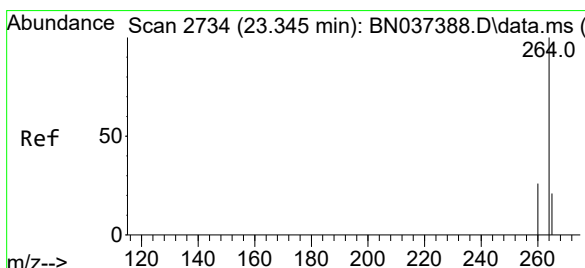
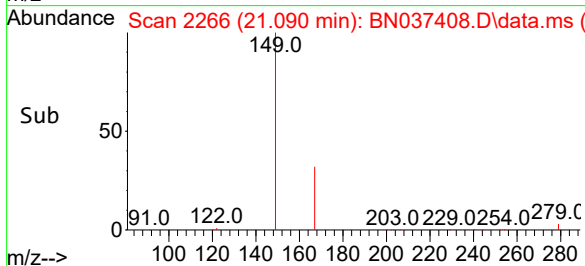
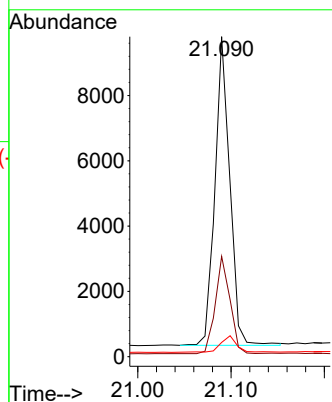
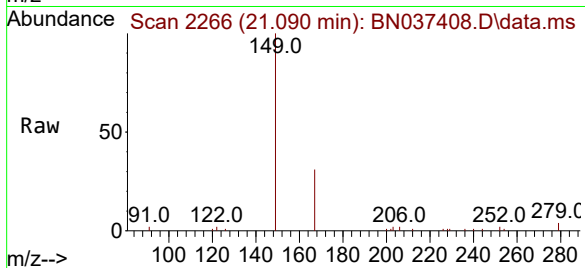




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.500 ng
RT: 21.090 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN037408.D
Acq: 27 Jun 2025 00:40

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250619

Tgt Ion:149 Resp: 10416
Ion Ratio Lower Upper
149 100
167 31.1 24.8 37.2
279 5.8 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: BN037408.D
Acq: 27 Jun 2025 00:40

Tgt Ion:264 Resp: 5749
Ion Ratio Lower Upper
264 100
260 27.7 21.4 32.0
265 88.3 56.2 84.4#

