

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037411.D
 Acq On : 27 Jun 2025 02:29
 Operator : RC/JU
 Sample : Q2374-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250619

Quant Time: Jun 27 04:37:57 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)

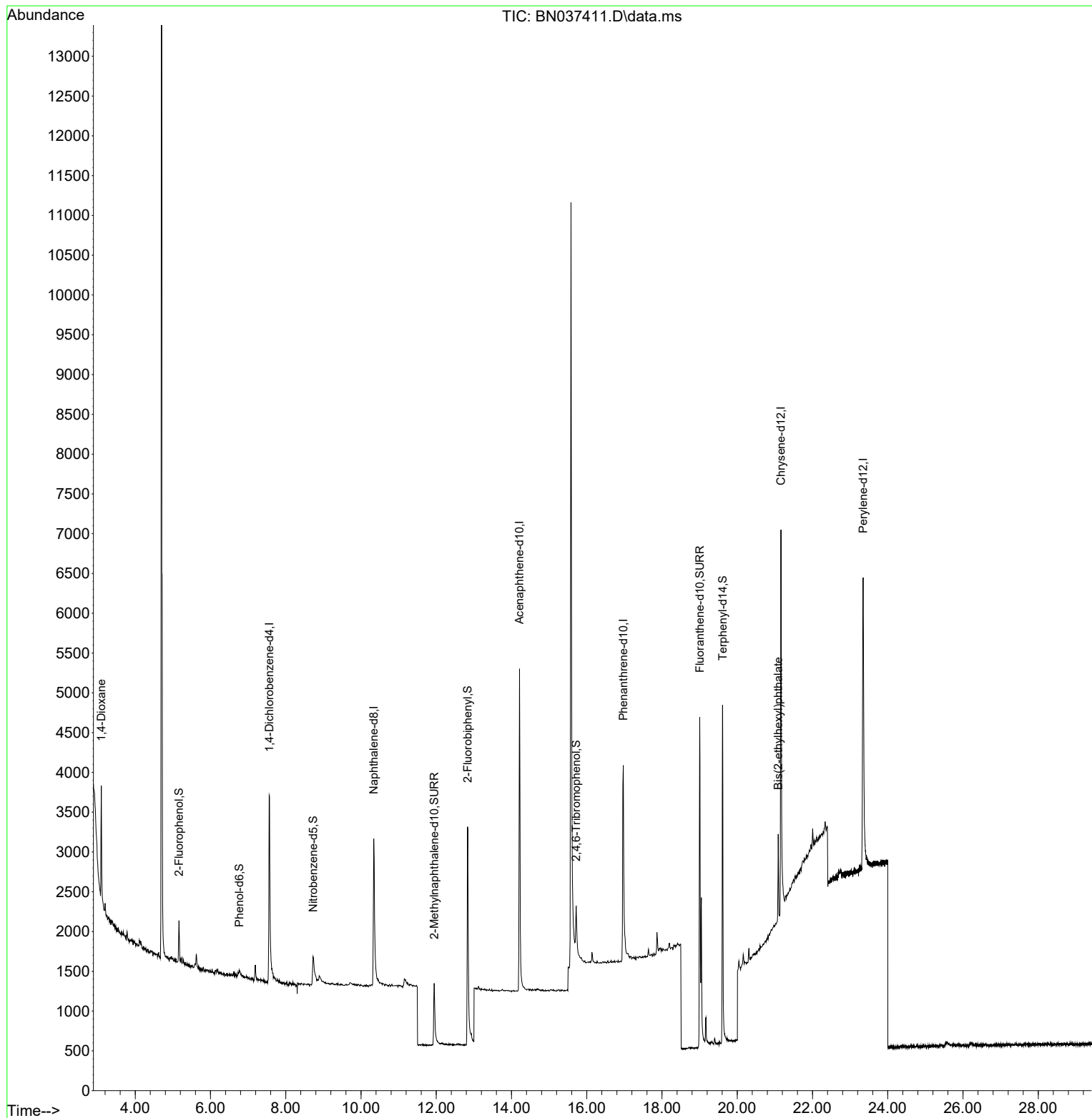
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1675	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3700	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2621	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5473	0.400	ng	# 0.01
29) Chrysene-d12	21.162	240	5731	0.400	ng	0.00
35) Perylene-d12	23.345	264	5981	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	454	0.141	ng	0.00
5) Phenol-d6	6.766	99	213	0.064	ng	0.02
8) Nitrobenzene-d5	8.728	82	745	0.251	ng	0.01
11) 2-Methylnaphthalene-d10	11.945	152	1694	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	493	0.321	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	3665	0.324	ng	0.00
27) Fluoranthene-d10	19.003	212	6343	0.404	ng	0.00
31) Terphenyl-d14	19.612	244	5302	0.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	931	0.586	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.090	149	911	0.128	ng	# 96

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

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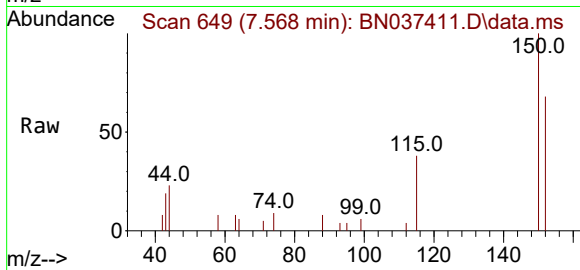
Quant Time: Jun 27 04:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
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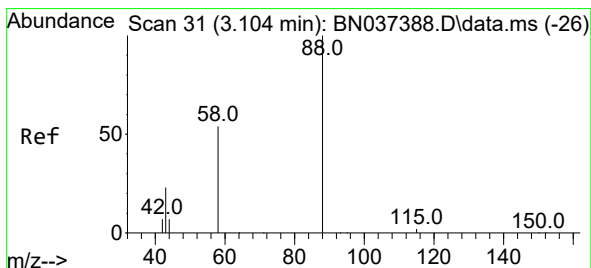
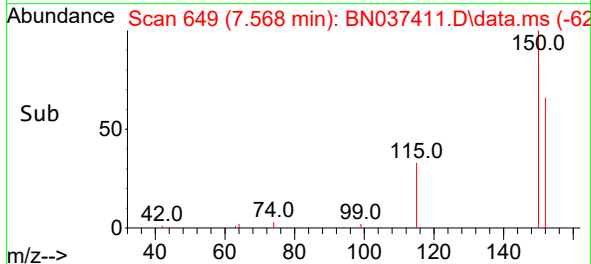
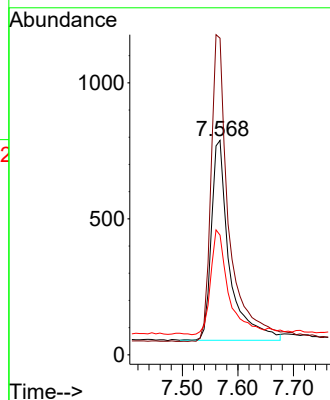


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250619

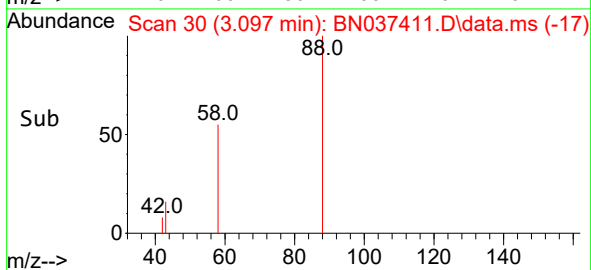
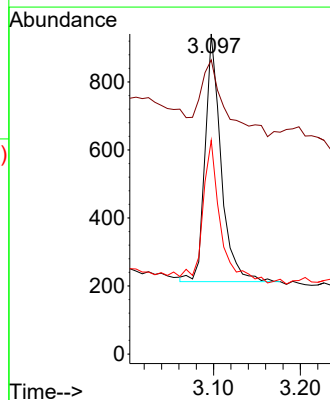
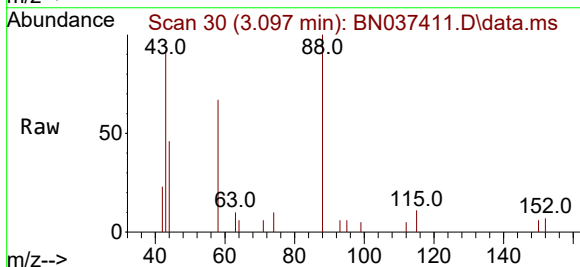


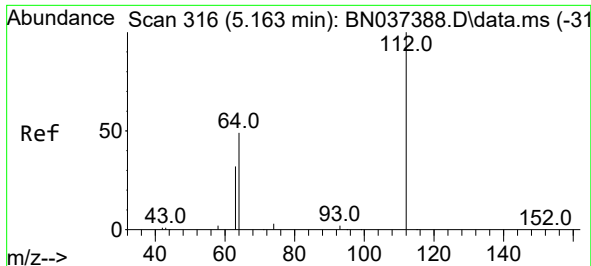
Tgt Ion:152 Resp: 1675
Ion Ratio Lower Upper
152 100
150 147.7 116.2 174.2
115 55.8 42.9 64.3



#2
1,4-Dioxane
Concen: 0.586 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

Tgt Ion: 88 Resp: 931
Ion Ratio Lower Upper
88 100
43 48.5 21.6 32.4#
58 60.8 45.9 68.9

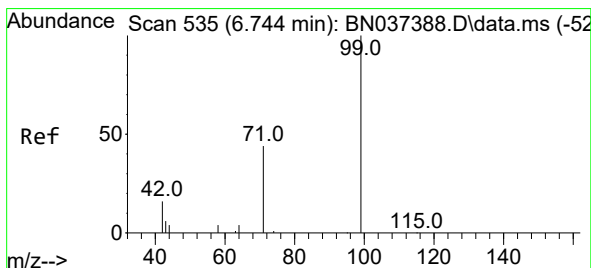
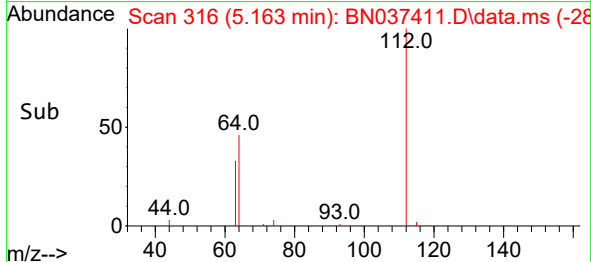
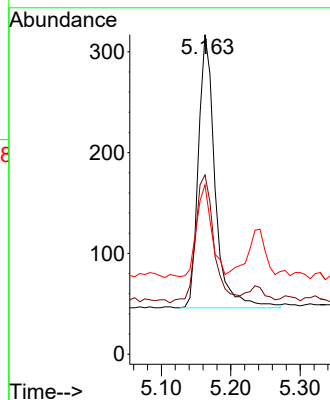
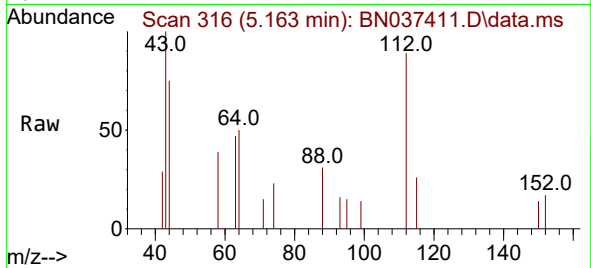




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.163 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

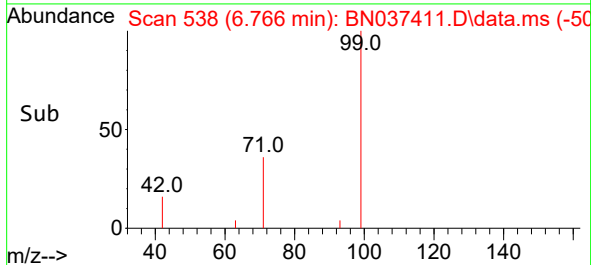
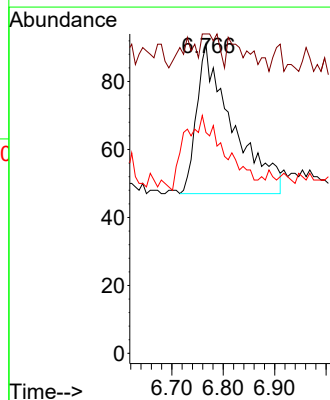
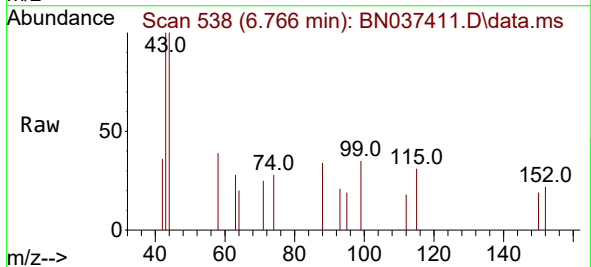
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250619

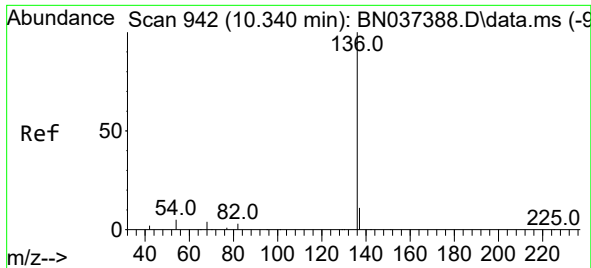
Tgt Ion:	112	Resp:	454
Ion	Ratio	Lower	Upper
112	100		
64	51.8	40.3	60.5
63	33.9	26.1	39.1



#5
Phenol-d6
Concen: 0.064 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.022 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

Tgt Ion:	99	Resp:	213
Ion	Ratio	Lower	Upper
99	100		
42	10.8	15.6	23.4#
71	0.0	35.8	53.8#

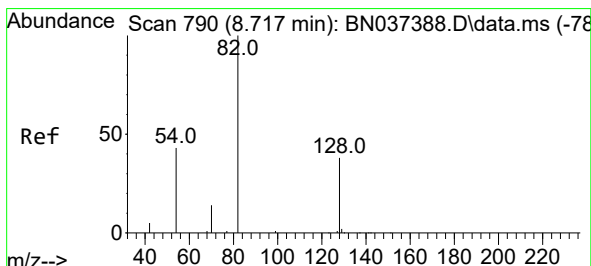
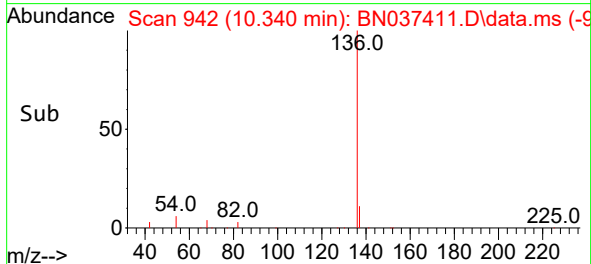
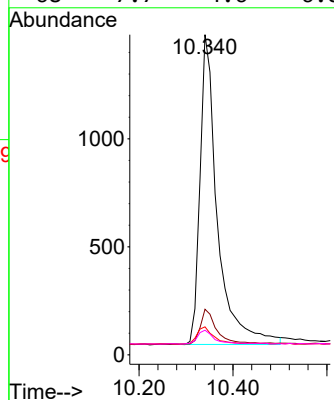
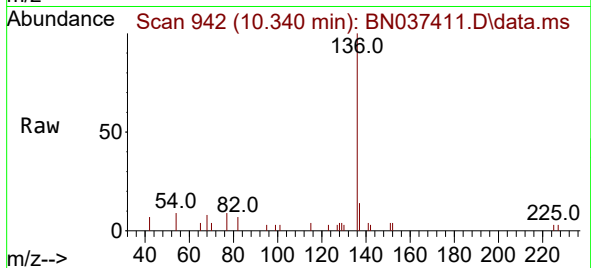




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

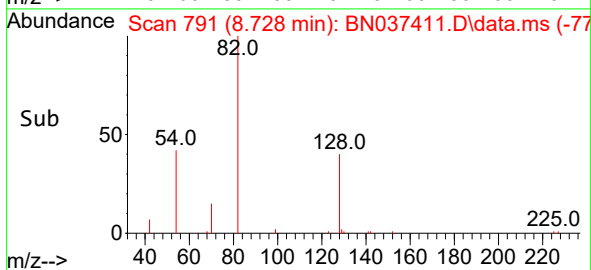
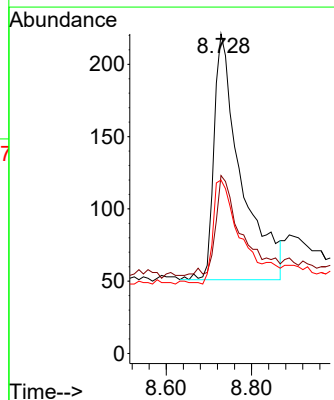
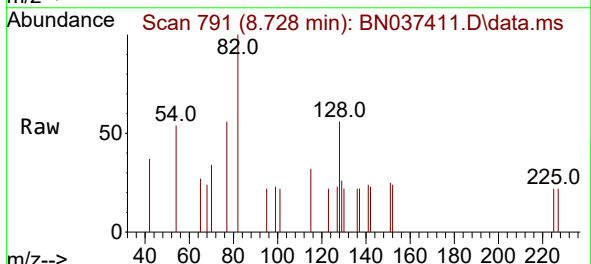
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250619

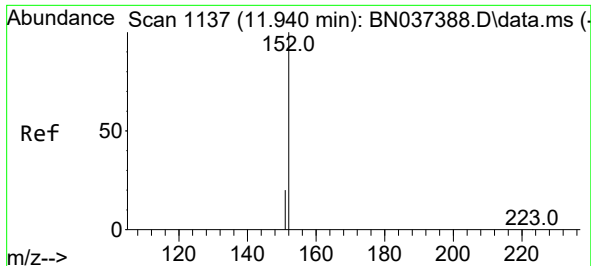
Tgt Ion:	136	Resp:	3700
Ion	Ratio	Lower	Upper
136	100		
137	14.2	10.4	15.6
54	8.7	5.6	8.4#
68	7.7	4.6	6.8#



#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

Tgt Ion:	82	Resp:	745
Ion	Ratio	Lower	Upper
82	100		
128	55.7	34.0	51.0#
54	54.3	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.296 ng

RT: 11.945 min Scan# 1138

Delta R.T. 0.005 min

Lab File: BN037411.D

Acq: 27 Jun 2025 02:29

Instrument :

BNA_N

ClientSampleId :

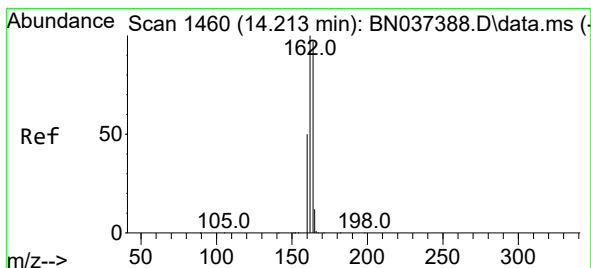
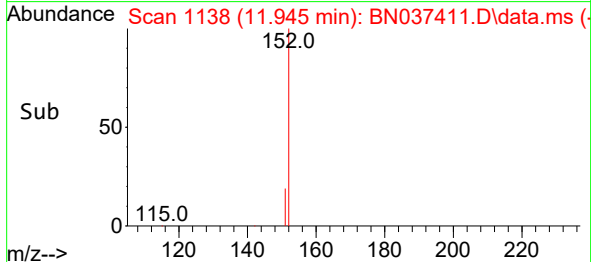
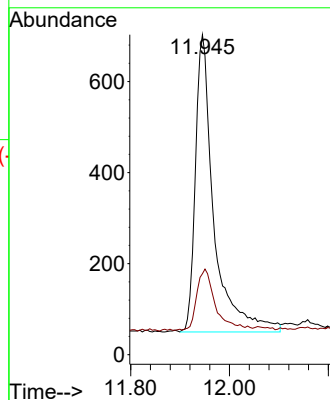
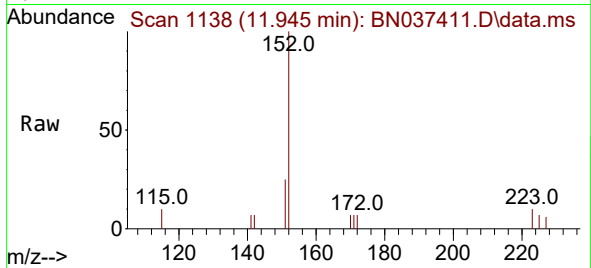
RW7-SP302-20250619

Tgt Ion:152 Resp: 1694

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: BN037411.D

Acq: 27 Jun 2025 02:29

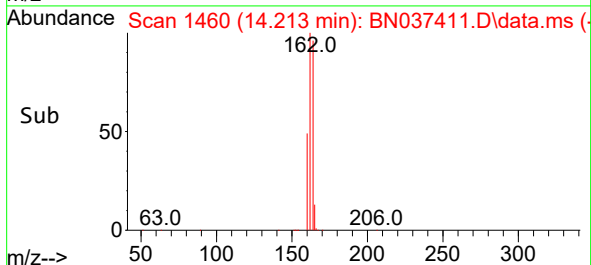
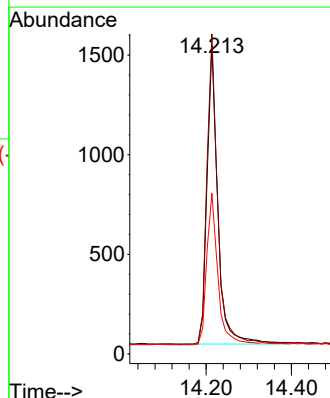
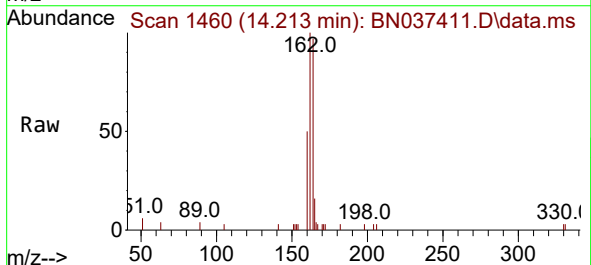
Tgt Ion:164 Resp: 2621

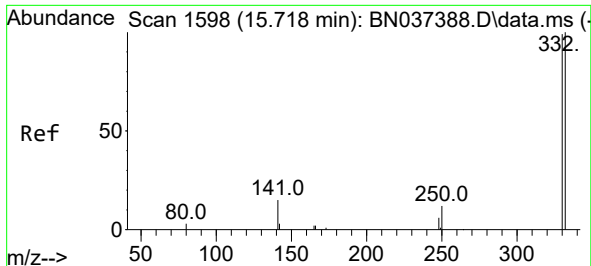
Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

160 52.0 42.2 63.2

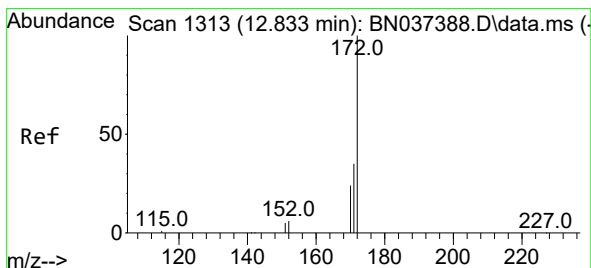
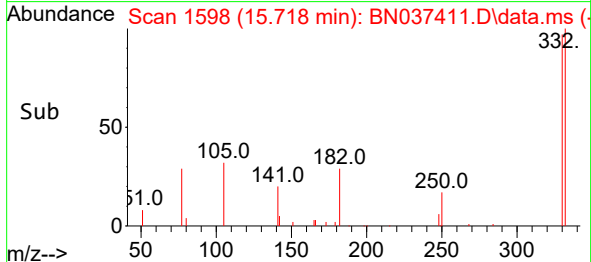
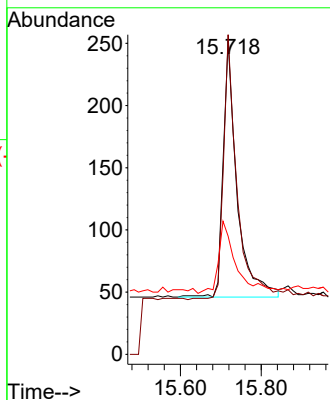
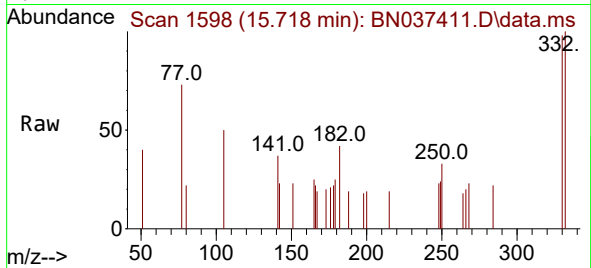




#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 15.718 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

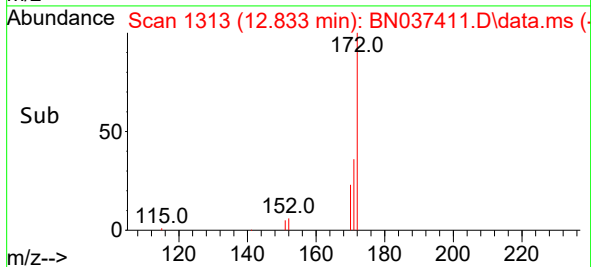
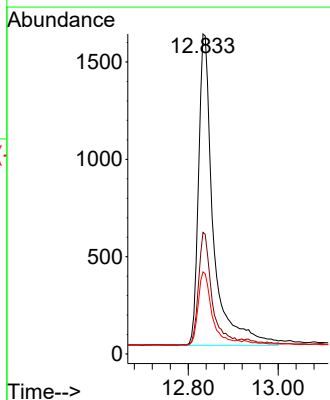
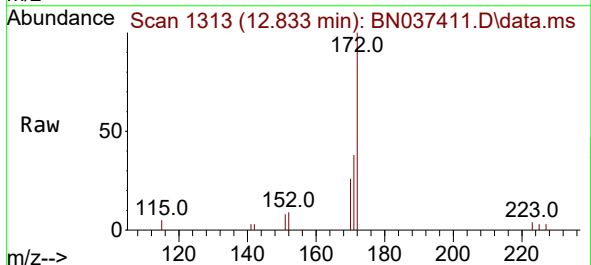
Instrument :
BNA_N
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RW7-SP302-20250619

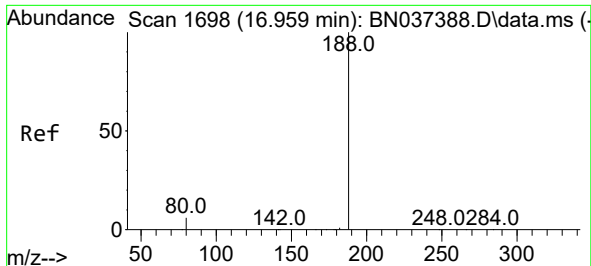
Tgt Ion: 330 Resp: 493
Ion Ratio Lower Upper
330 100
332 102.8 77.8 116.8
141 35.7 24.0 36.0



#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.833 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

Tgt Ion: 172 Resp: 3665
Ion Ratio Lower Upper
172 100
171 38.0 28.8 43.2
170 25.7 20.3 30.5

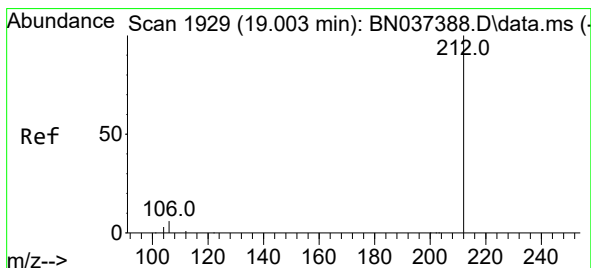
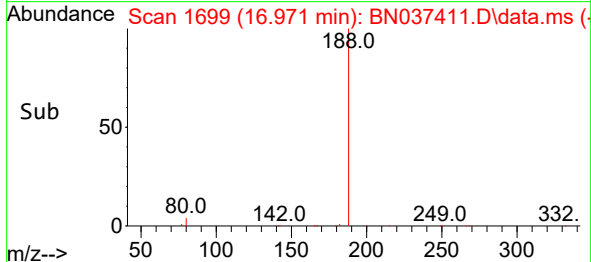
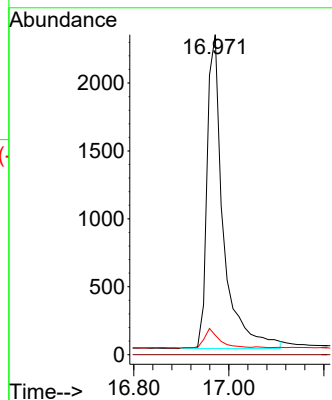
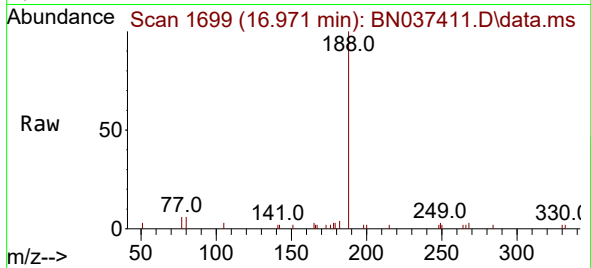




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.013 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

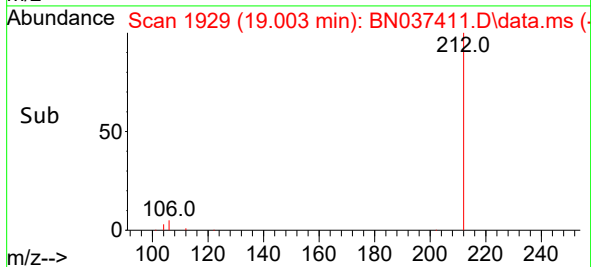
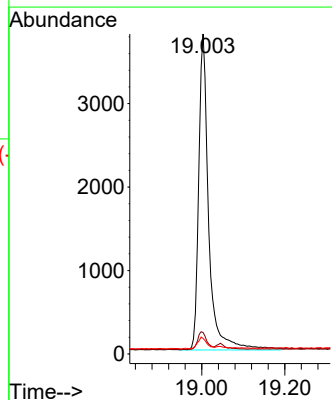
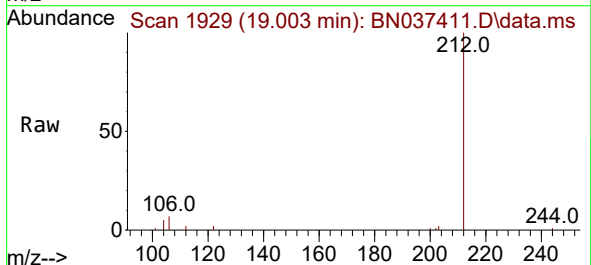
Instrument :
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RW7-SP302-20250619

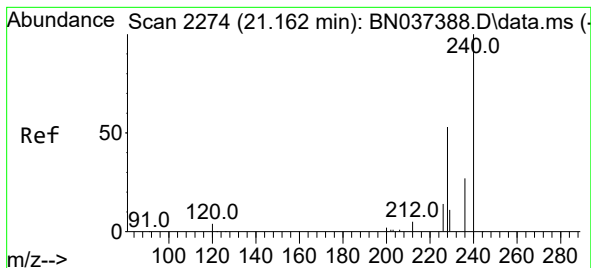
Tgt Ion:188 Resp: 5473
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 6.2 9.4#



#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.003 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BN037411.D
Acq: 27 Jun 2025 02:29

Tgt Ion:212 Resp: 6343
Ion Ratio Lower Upper
212 100
106 5.1 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: BN037411.D

Acq: 27 Jun 2025 02:29

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20250619

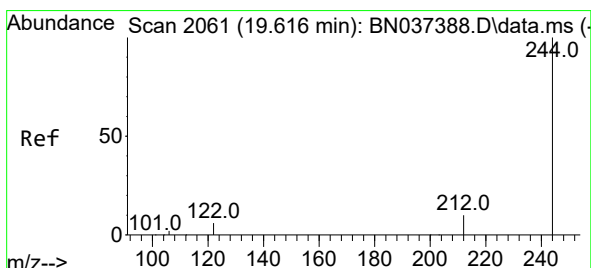
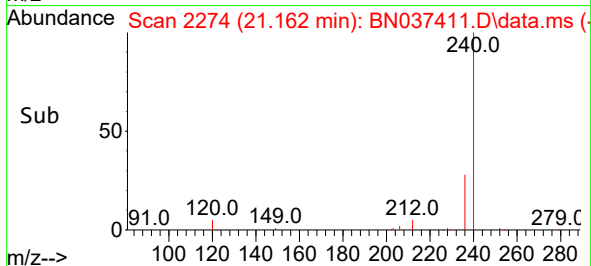
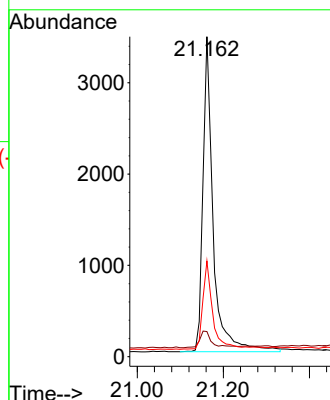
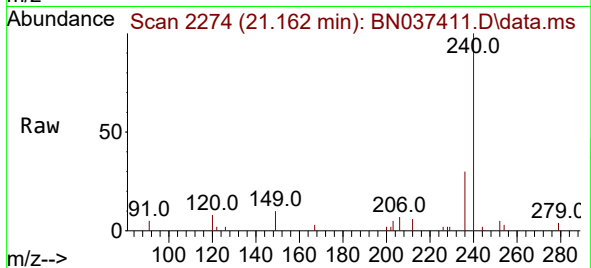
Tgt Ion:240 Resp: 5731

Ion Ratio Lower Upper

240 100

120 7.9 5.3 7.9

236 29.9 22.7 34.1



#31

Terphenyl-d14

Concen: 0.434 ng

RT: 19.612 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037411.D

Acq: 27 Jun 2025 02:29

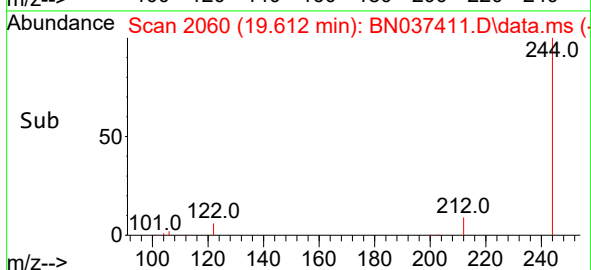
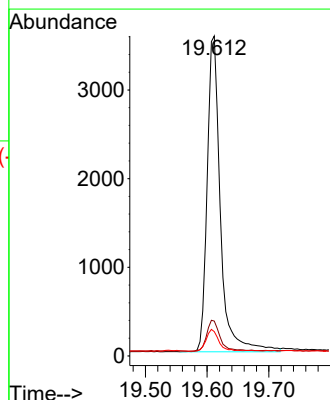
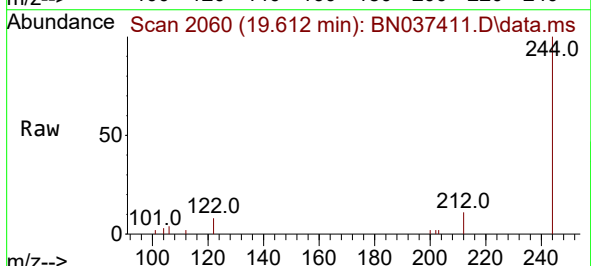
Tgt Ion:244 Resp: 5302

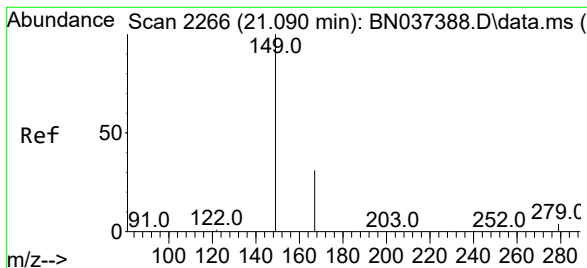
Ion Ratio Lower Upper

244 100

212 10.9 9.1 13.7

122 7.6 6.3 9.5

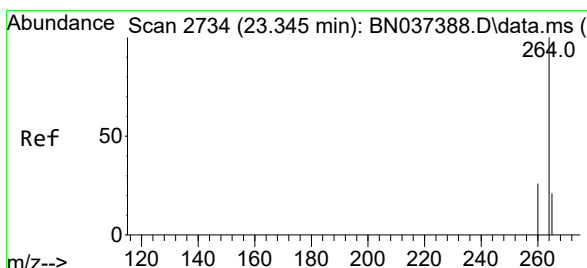
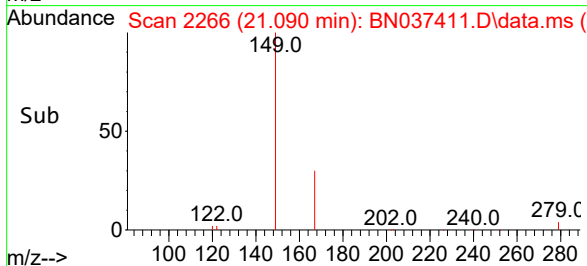
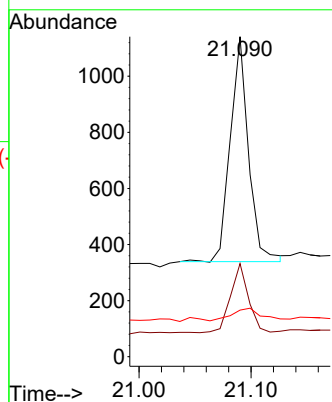
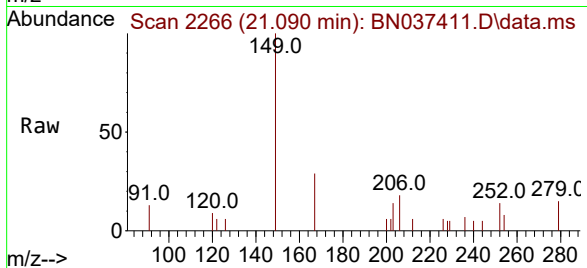




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 21.090 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: BN037411.D
 Acq: 27 Jun 2025 02:29

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250619

Tgt Ion:149 Resp: 911
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.8 37.2
 279 9.1 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: BN037411.D
 Acq: 27 Jun 2025 02:29

Tgt Ion:264 Resp: 5981
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.4 32.0
 265 84.7 56.2 84.4#

