

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037278.D
 Acq On : 15 Jun 2025 01:30
 Operator : RC/JU
 Sample : Q2316-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250612

Quant Time: Jun 16 02:46:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

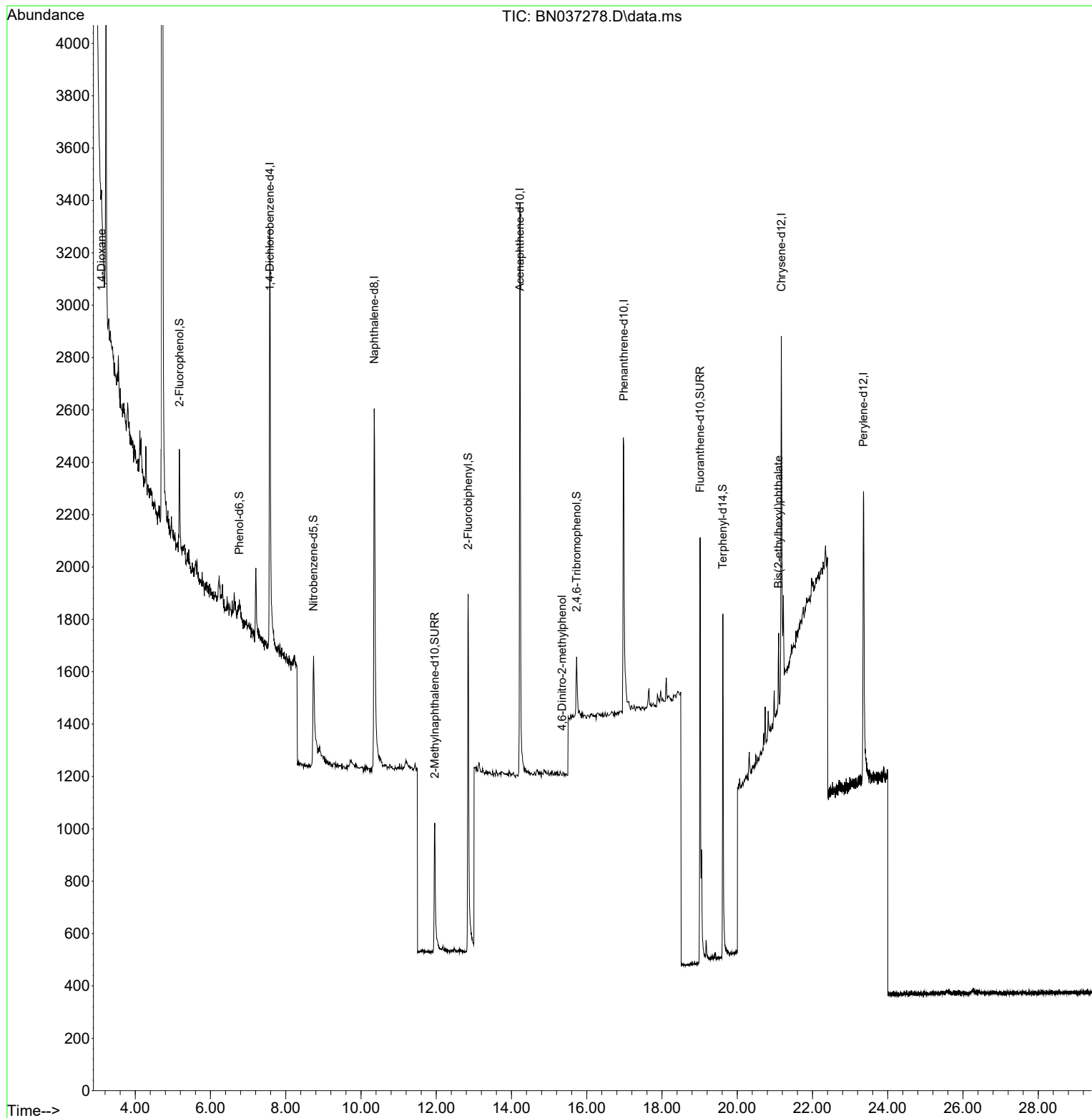
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1039	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2587	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1385	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	2353	0.400	ng	# 0.01
29) Chrysene-d12	21.171	240	1786	0.400	ng	0.00
35) Perylene-d12	23.354	264	1731	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	283	0.111	ng	0.00
5) Phenol-d6	6.766	99	143	0.053	ng	0.00
8) Nitrobenzene-d5	8.739	82	657	0.257	ng	0.01
11) 2-Methylnaphthalene-d10	11.960	152	997	0.287	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	191	0.332	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1757	0.302	ng	0.00
27) Fluoranthene-d10	19.012	212	2298	0.373	ng	0.00
31) Terphenyl-d14	19.616	244	1621	0.402	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	40	0.028	ng	# 55
20) 4,6-Dinitro-2-methylph...	15.346	198	1	0.118	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.099	149	260	0.058	ng	# 95

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

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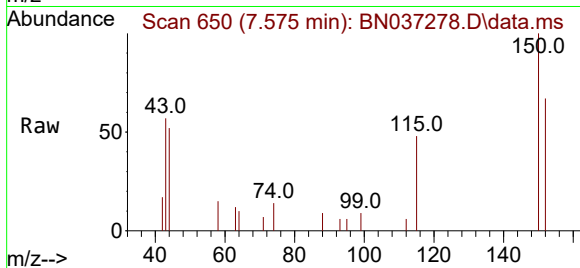
Quant Time: Jun 16 02:46:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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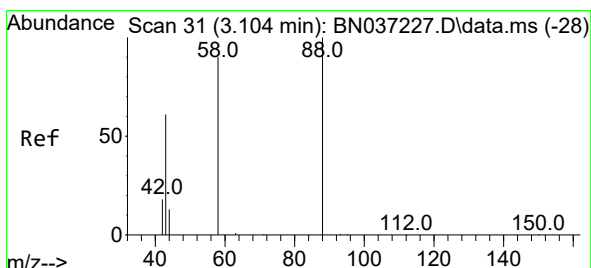
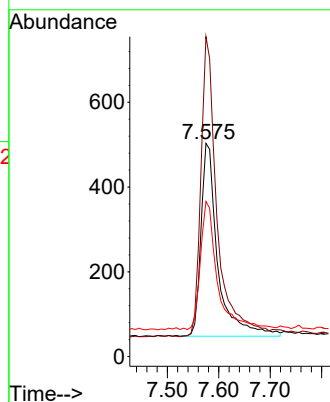
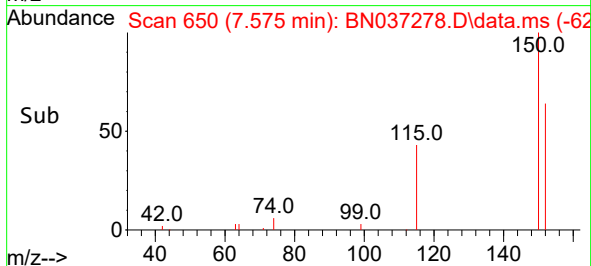


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037278.D
 Acq: 15 Jun 2025 01:30

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250612

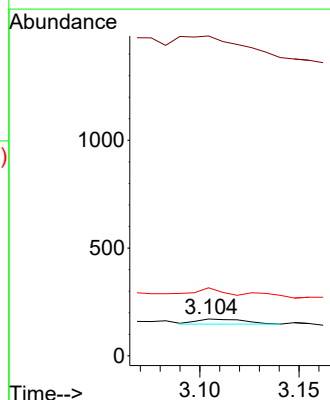
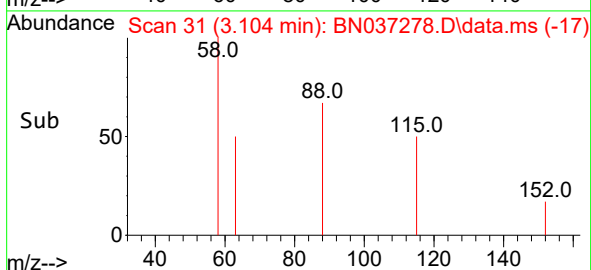
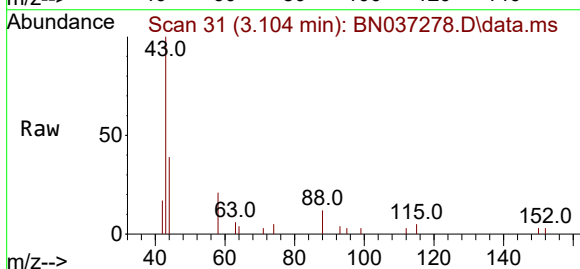


Tgt Ion:152 Resp: 1039
 Ion Ratio Lower Upper
 152 100
 150 150.1 125.2 187.8
 115 72.8 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037278.D
 Acq: 15 Jun 2025 01:30

Tgt Ion: 88 Resp: 40
 Ion Ratio Lower Upper
 88 100
 43 0.0 52.6 79.0#
 58 75.0 73.5 110.3





#4

2-Fluorophenol

Concen: 0.111 ng

RT: 5.177 min Scan# 317

Delta R.T. 0.007 min

Lab File: BN037278.D

Acq: 15 Jun 2025 01:30

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250612

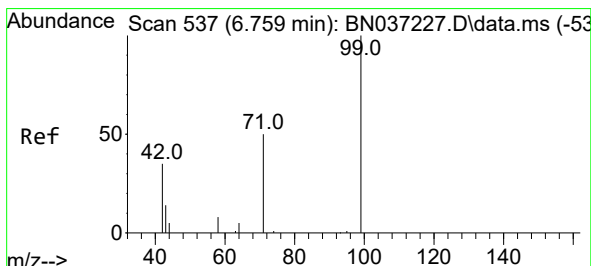
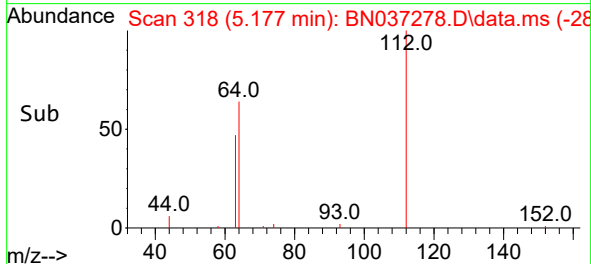
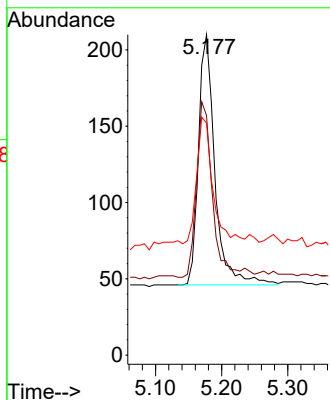
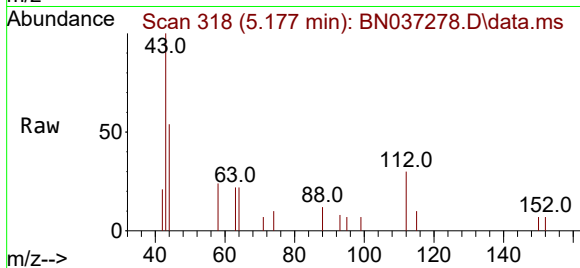
Tgt Ion:112 Resp: 283

Ion Ratio Lower Upper

112 100

64 68.9 57.2 85.8

63 62.9 39.8 59.6#



#5

Phenol-d6

Concen: 0.053 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.007 min

Lab File: BN037278.D

Acq: 15 Jun 2025 01:30

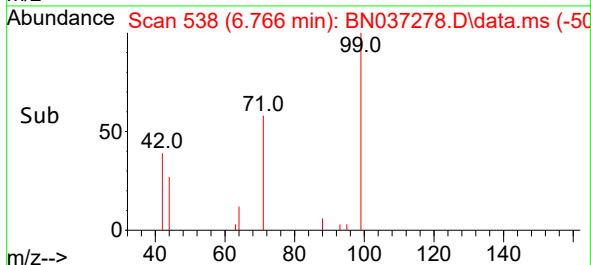
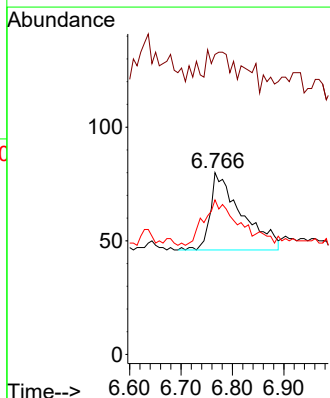
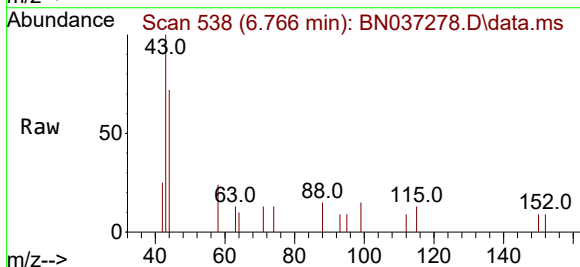
Tgt Ion: 99 Resp: 143

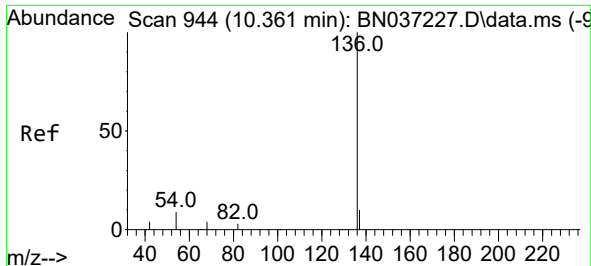
Ion Ratio Lower Upper

99 100

42 24.5 36.2 54.4#

71 60.8 42.4 63.6

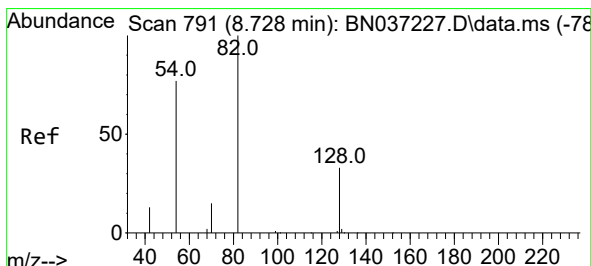
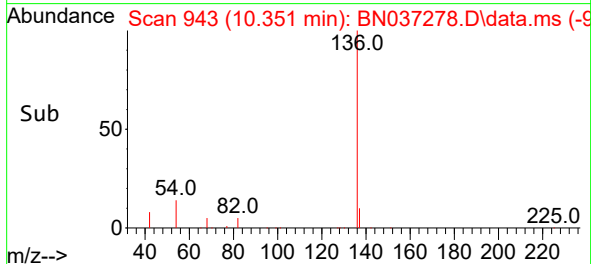
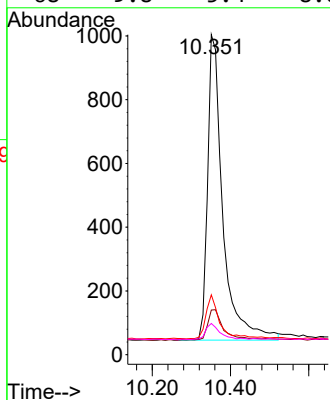
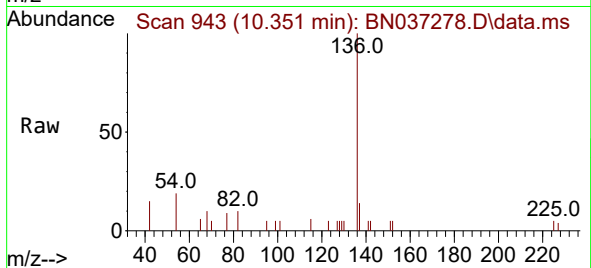




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037278.D
Acq: 15 Jun 2025 01:30

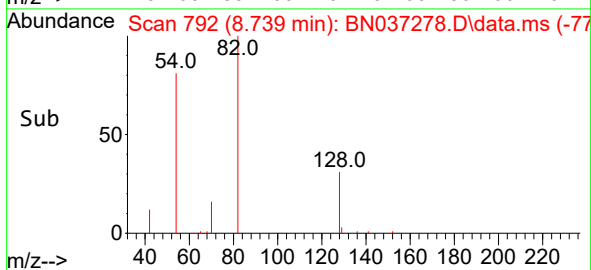
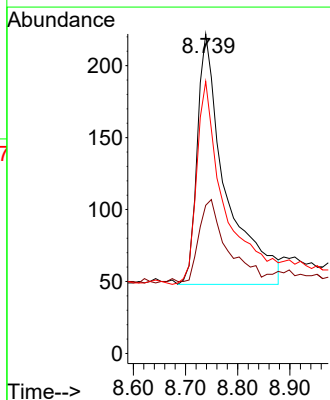
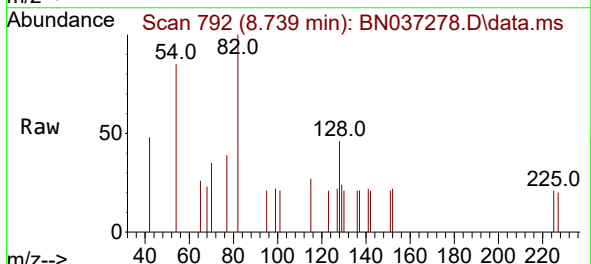
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250612

Tgt Ion:	136	Resp:	2587
Ion	Ratio	Lower	Upper
136	100		
137	13.9	10.6	15.8
54	18.7	9.2	13.8#
68	9.8	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037278.D
Acq: 15 Jun 2025 01:30

Tgt Ion:	82	Resp:	657
Ion	Ratio	Lower	Upper
82	100		
128	46.4	31.2	46.8
54	85.1	63.3	94.9





#11

2-Methylnaphthalene-d10

Concen: 0.287 ng

RT: 11.960 min Scan# 1141

Delta R.T. 0.005 min

Lab File: BN037278.D

Acq: 15 Jun 2025 01:30

Instrument :

BNA_N

ClientSampleId :

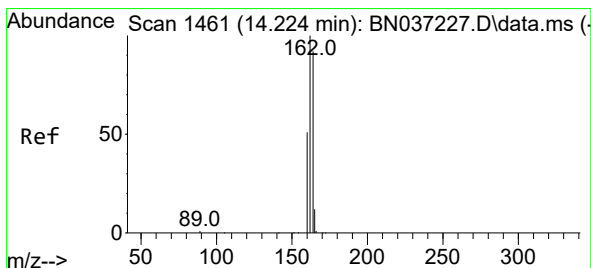
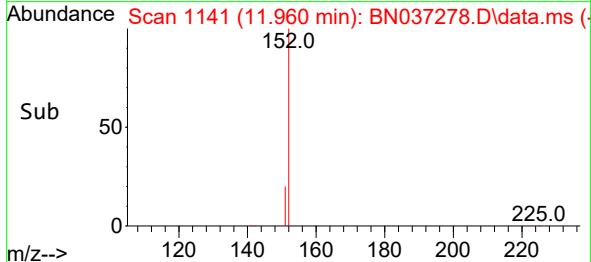
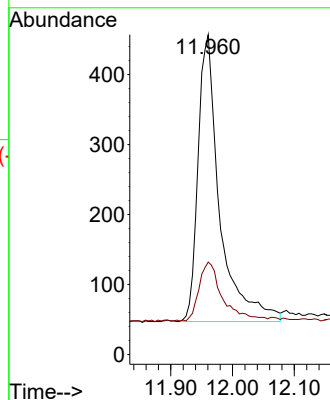
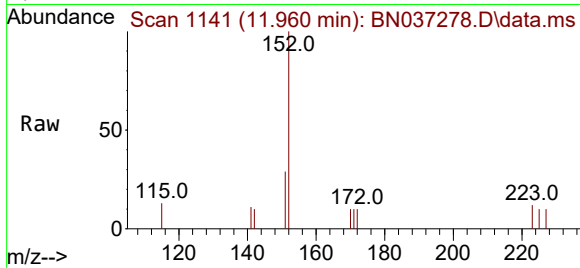
RW8-SP100-20250612

Tgt Ion:152 Resp: 997

Ion Ratio Lower Upper

152 100

151 22.1 17.9 26.9



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN037278.D

Acq: 15 Jun 2025 01:30

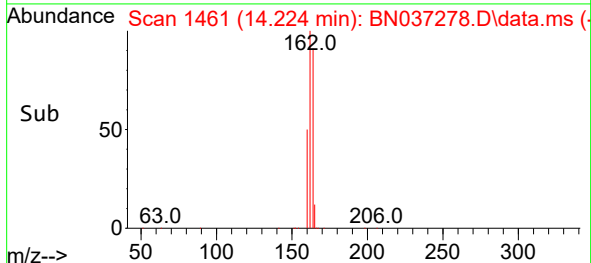
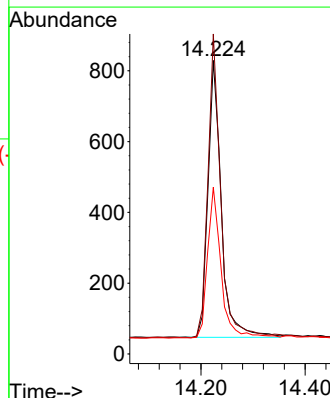
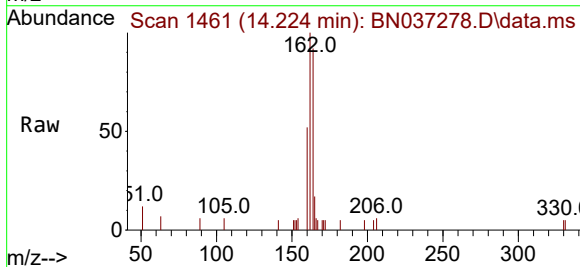
Tgt Ion:164 Resp: 1385

Ion Ratio Lower Upper

164 100

162 109.0 86.7 130.1

160 56.8 45.8 68.6

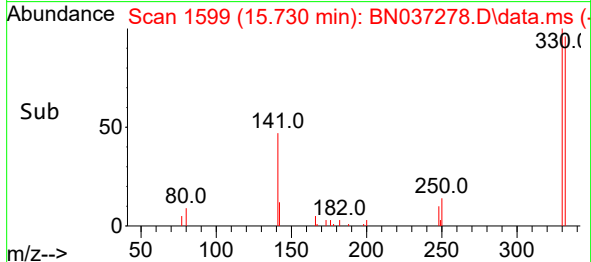
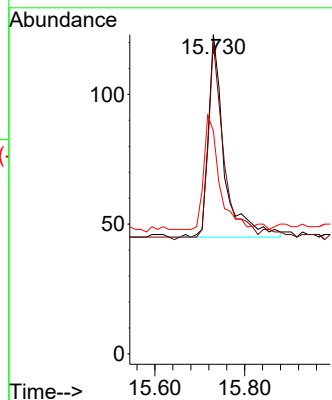
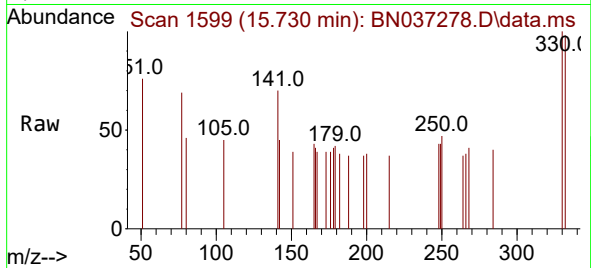




#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037278.D
Acq: 15 Jun 2025 01:30

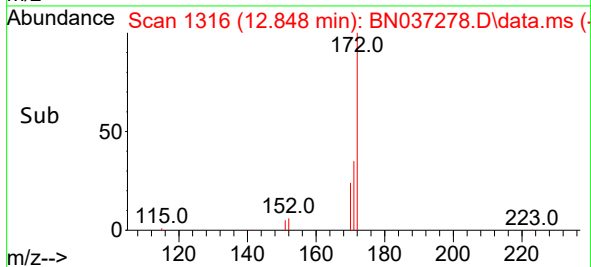
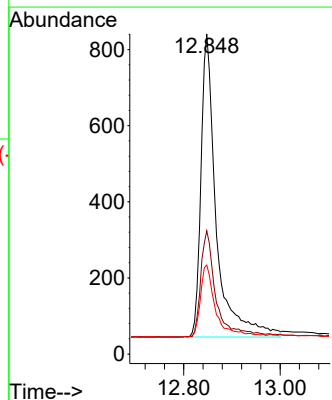
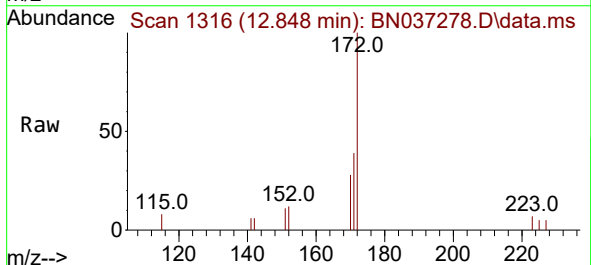
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250612

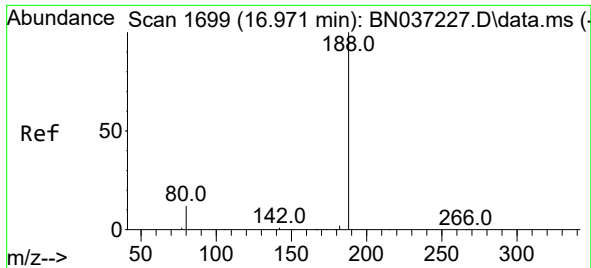
Tgt Ion:330 Resp: 191
Ion Ratio Lower Upper
330 100
332 95.8 74.9 112.3
141 57.1 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037278.D
Acq: 15 Jun 2025 01:30

Tgt Ion:172 Resp: 1757
Ion Ratio Lower Upper
172 100
171 38.5 29.8 44.8
170 27.8 21.1 31.7

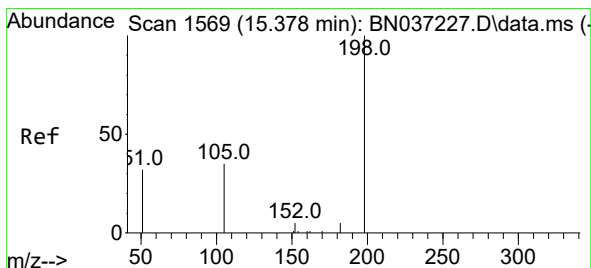
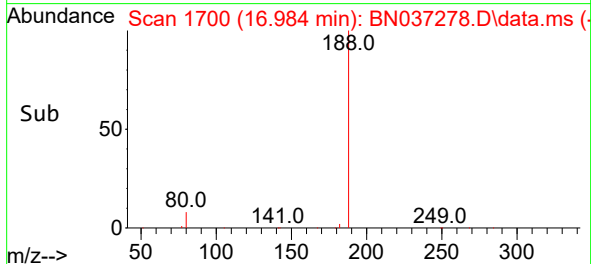
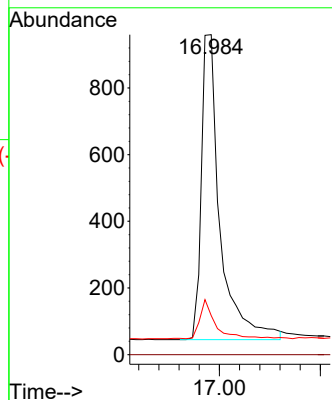
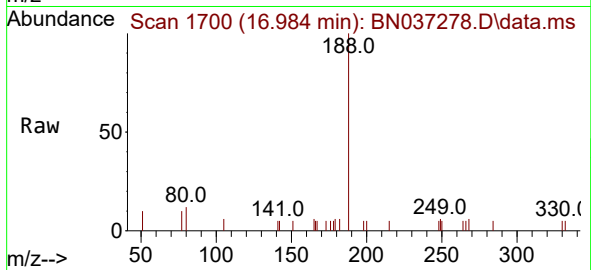




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN037278.D
Acq: 15 Jun 2025 01:30

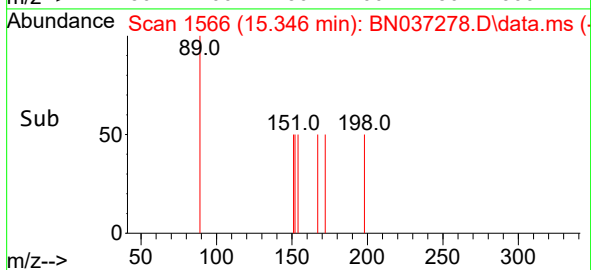
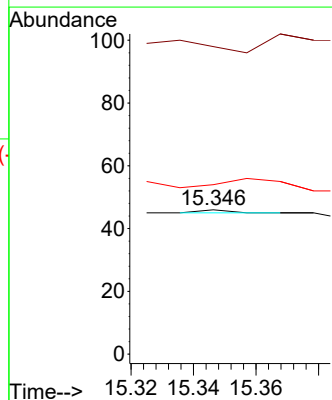
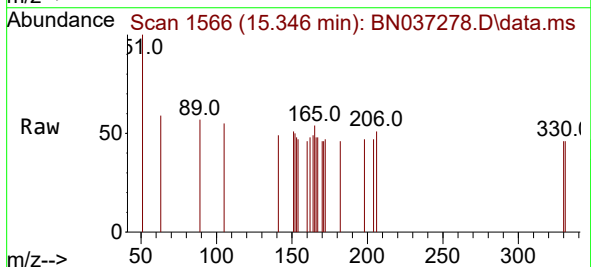
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ClientSampleId :
RW8-SP100-20250612

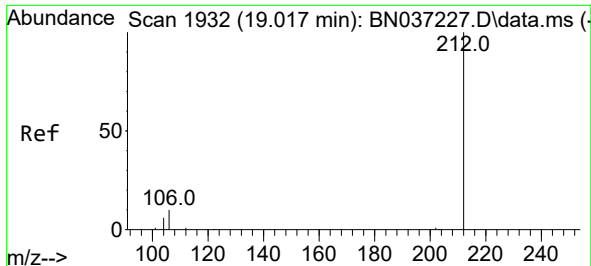
Tgt Ion:188 Resp: 2353
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 12.2 18.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.346 min Scan# 1566
Delta R.T. -0.032 min
Lab File: BN037278.D
Acq: 15 Jun 2025 01:30

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 213.0 111.2 166.8#
105 117.4 54.0 81.0#

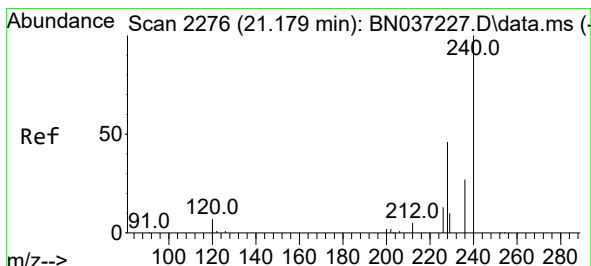
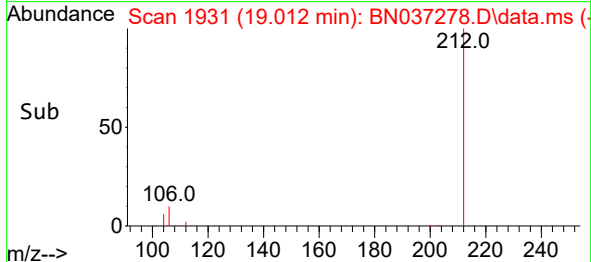
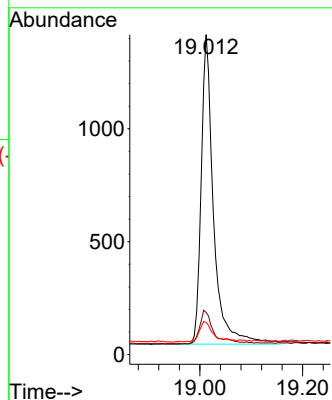
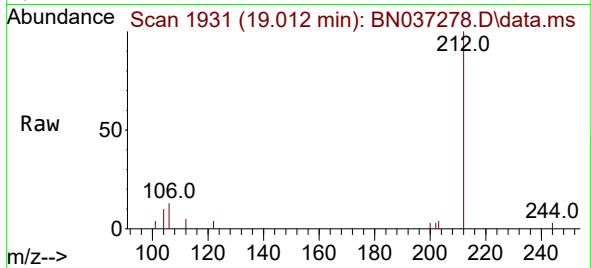




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037278.D
Acq: 15 Jun 2025 01:30

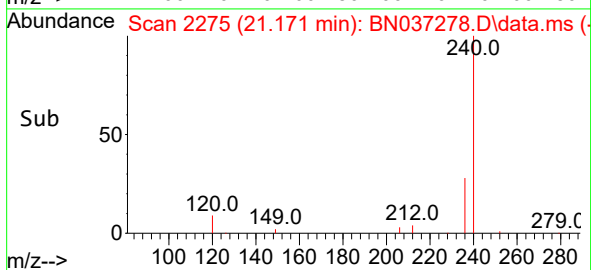
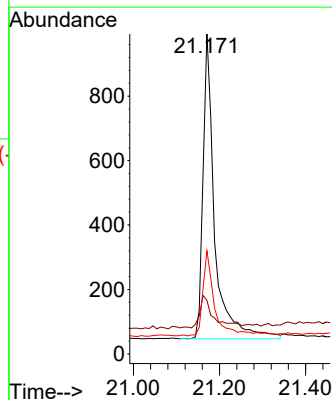
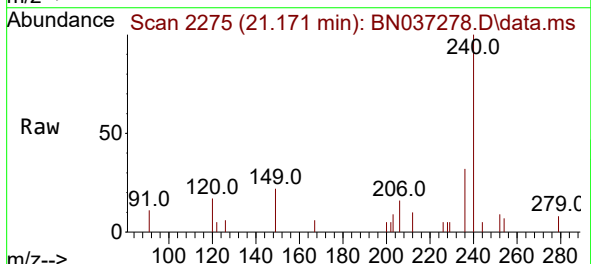
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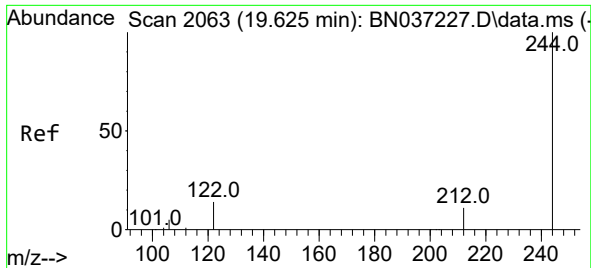
Tgt Ion:212 Resp: 2298
Ion Ratio Lower Upper
212 100
106 12.1 9.3 13.9
104 7.3 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037278.D
Acq: 15 Jun 2025 01:30

Tgt Ion:240 Resp: 1786
Ion Ratio Lower Upper
240 100
120 16.7 11.3 16.9
236 32.2 24.4 36.6

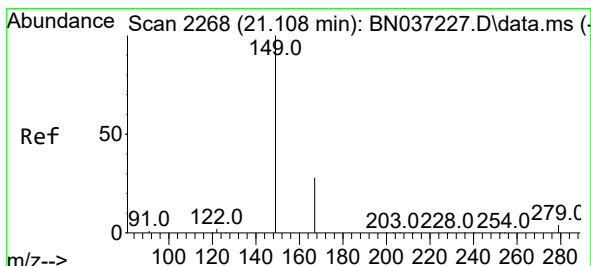
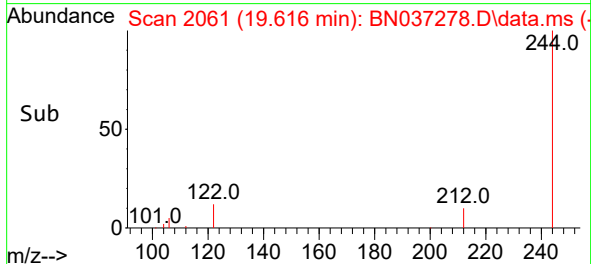
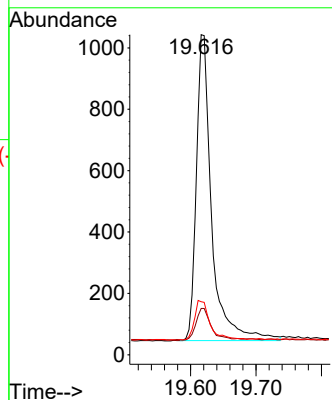
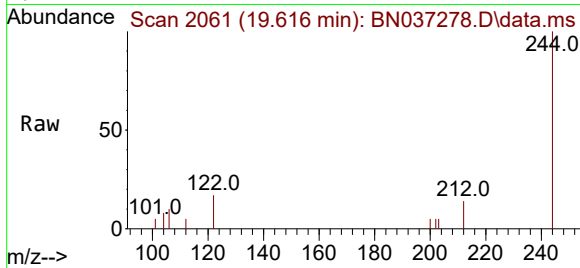




#31
 Terphenyl-d14
 Concen: 0.402 ng
 RT: 19.616 min Scan# 2061
 Delta R.T. -0.009 min
 Lab File: BN037278.D
 Acq: 15 Jun 2025 01:30

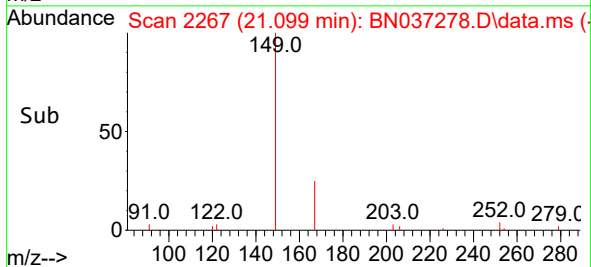
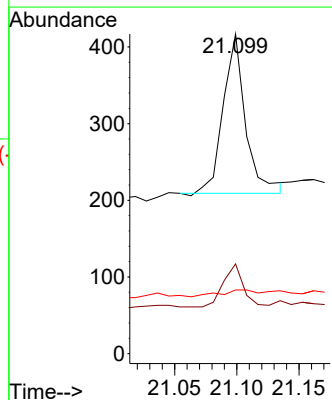
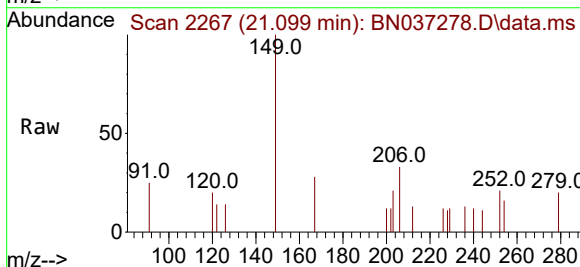
Instrument :
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 RW8-SP100-20250612

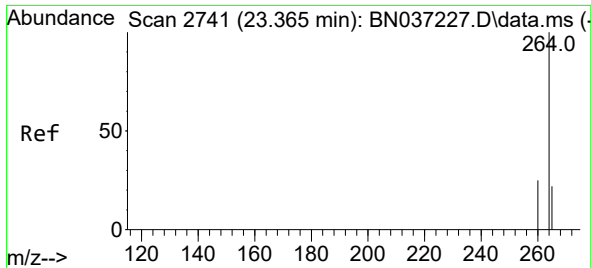
Tgt Ion:244 Resp: 1621
 Ion Ratio Lower Upper
 244 100
 212 14.5 12.2 18.2
 122 16.6 14.3 21.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.009 min
 Lab File: BN037278.D
 Acq: 15 Jun 2025 01:30

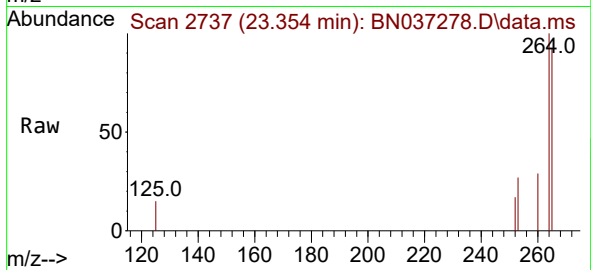
Tgt Ion:149 Resp: 260
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.3 31.9
 279 6.9 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.354 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN037278.D
Acq: 15 Jun 2025 01:30

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250612



Tgt Ion: 264 Resp: 1731

Ion	Ratio	Lower	Upper
264	100		
260	29.1	22.8	34.2
265	91.9	66.4	99.6

