

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
 Data File : BN036964.D
 Acq On : 07 May 2025 15:46
 Operator : RC/JU
 Sample : Q1943-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250501

Quant Time: May 07 16:36:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

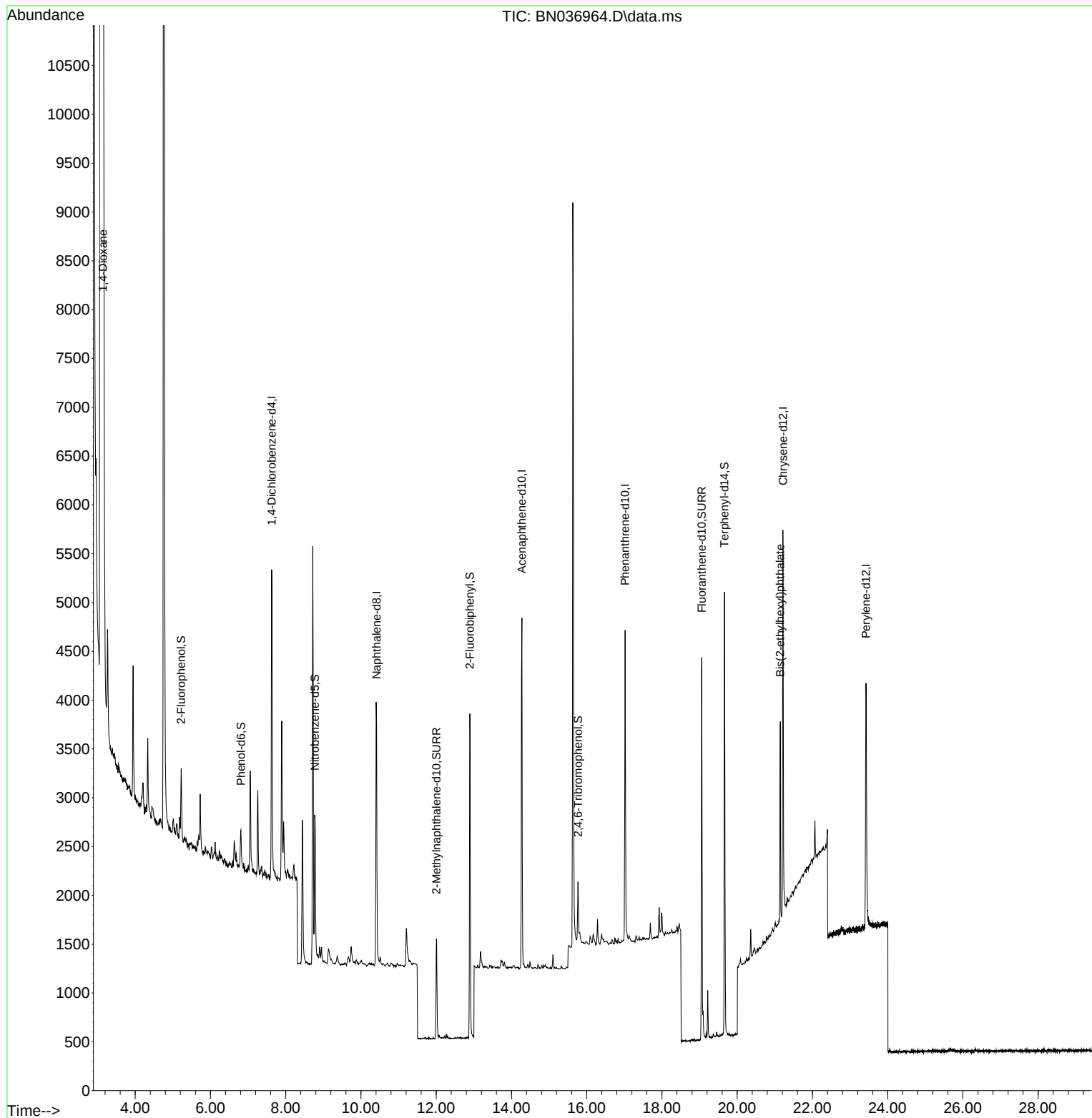
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	1473	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	3725	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	2044	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4199	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3638	0.400	ng	0.00
35) Perylene-d12	23.424	264	3538	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	552	0.147	ng	0.00
5) Phenol-d6	6.809	99	372	0.080	ng	0.00
8) Nitrobenzene-d5	8.771	82	1340	0.344	ng	-0.01
11) 2-Methylnaphthalene-d10	12.006	152	1551	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	338	0.371	ng	0.00
15) 2-Fluorobiphenyl	12.893	172	3375	0.342	ng	0.00
27) Fluoranthene-d10	19.059	212	4425	0.406	ng	0.00
31) Terphenyl-d14	19.663	244	4088	0.476	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.140	88	11697	6.372	ng	94
34) Bis(2-ethylhexyl)phtha...	21.144	149	1808	0.237	ng	97

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

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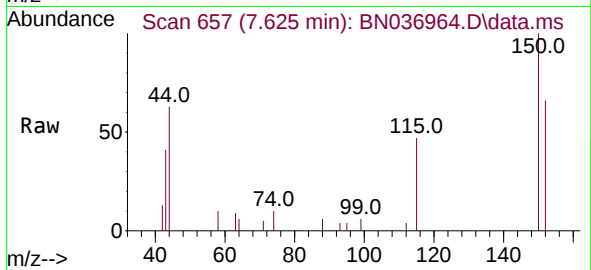
Quant Time: May 07 16:36:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
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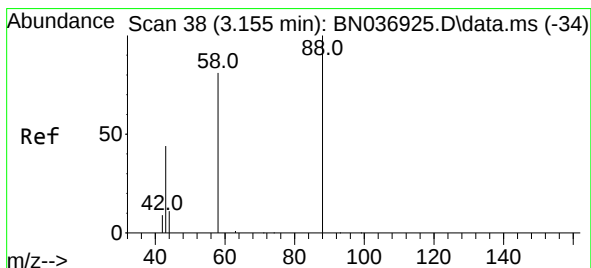
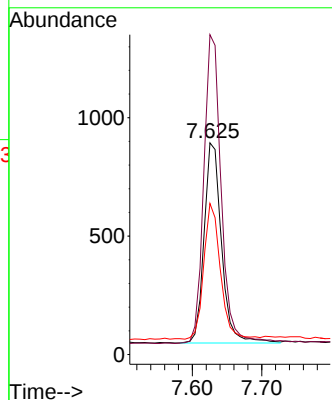
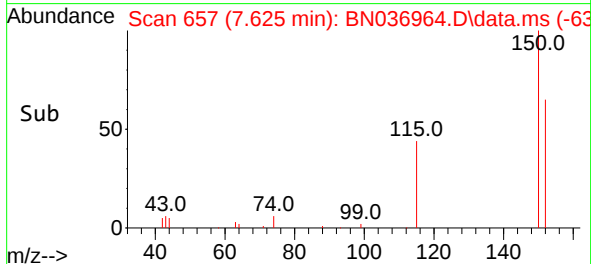


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.625 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN036964.D
 Acq: 07 May 2025 15:46

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250501

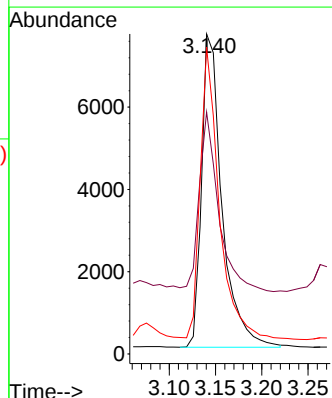
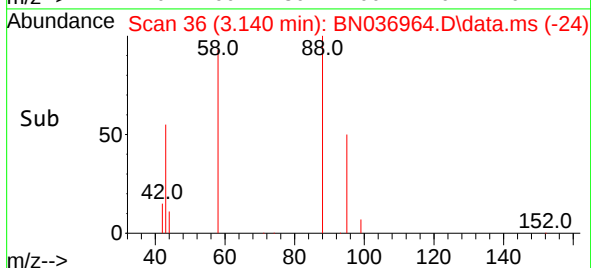
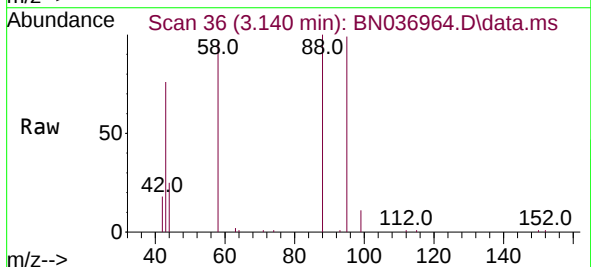


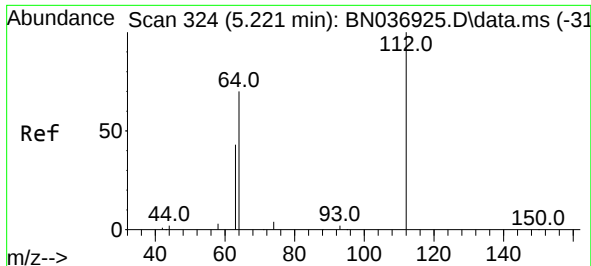
Tgt Ion:152 Resp: 1473
 Ion Ratio Lower Upper
 152 100
 150 151.1 121.1 181.7
 115 71.4 51.8 77.6



#2
 1,4-Dioxane
 Concen: 6.372 ng
 RT: 3.140 min Scan# 36
 Delta R.T. -0.015 min
 Lab File: BN036964.D
 Acq: 07 May 2025 15:46

Tgt Ion: 88 Resp: 11697
 Ion Ratio Lower Upper
 88 100
 43 54.4 37.9 56.9
 58 85.2 65.8 98.6





#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.220 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN036964.D

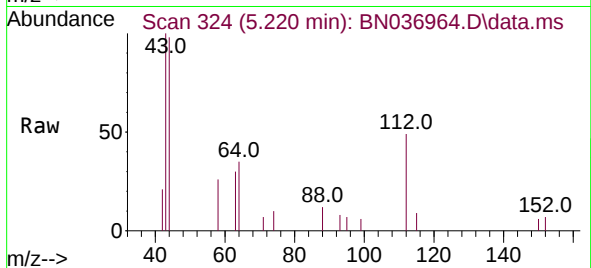
Acq: 07 May 2025 15:46

Instrument :

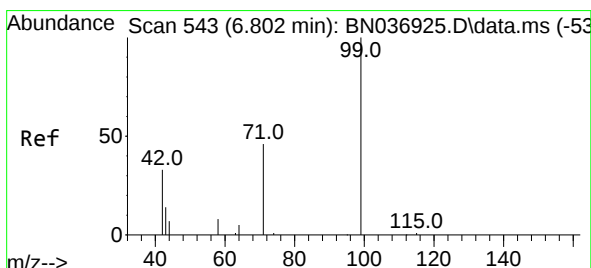
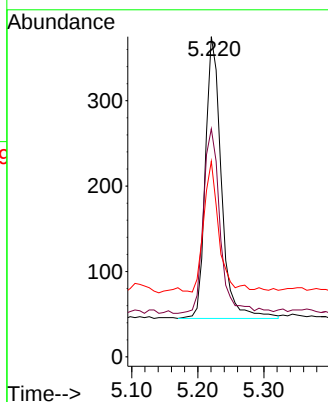
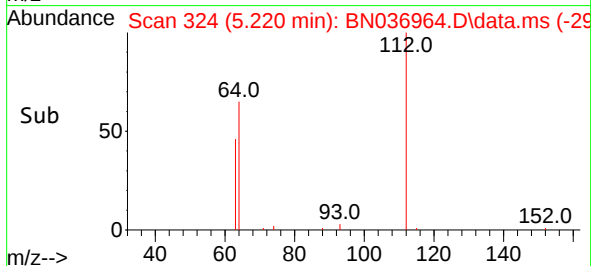
BNA_N

ClientSampleId :

RW5-SP100-20250501



Tgt Ion:	112	Resp:	552
Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.7	83.5
63	42.8	33.9	50.9



#5

Phenol-d6

Concen: 0.080 ng

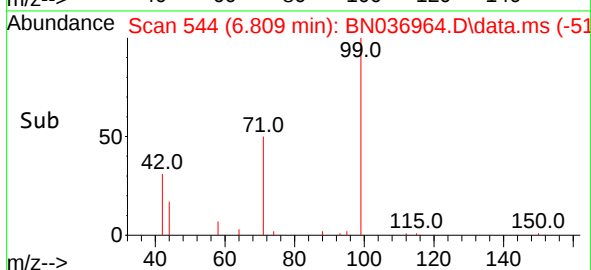
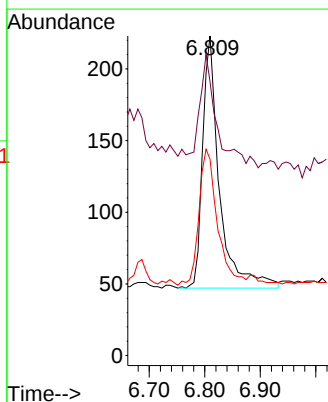
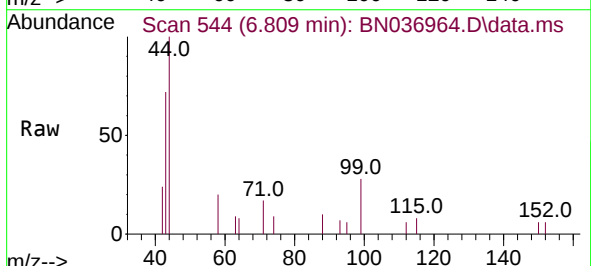
RT: 6.809 min Scan# 544

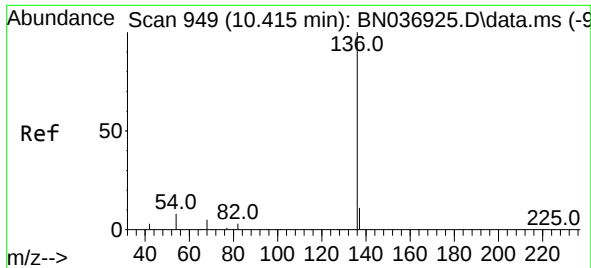
Delta R.T. 0.007 min

Lab File: BN036964.D

Acq: 07 May 2025 15:46

Tgt Ion:	99	Resp:	372
Ion	Ratio	Lower	Upper
99	100		
42	46.8	29.6	44.4#
71	59.1	36.0	54.0#

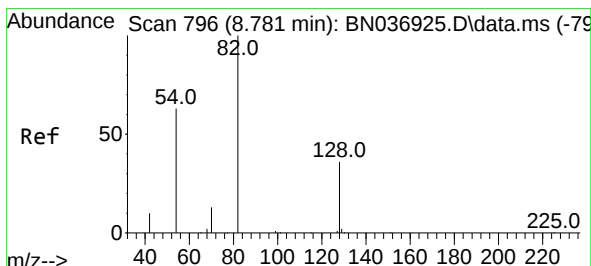
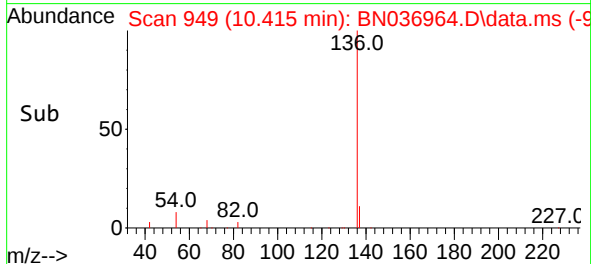
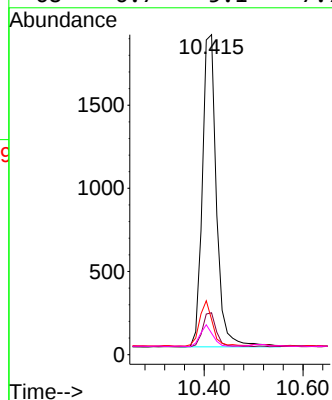
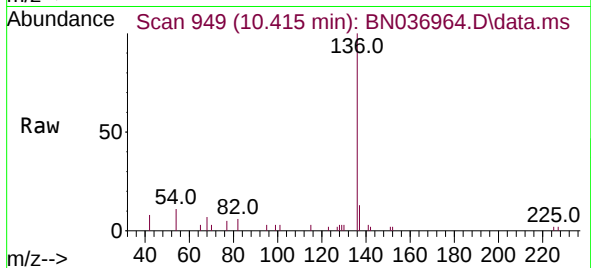




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

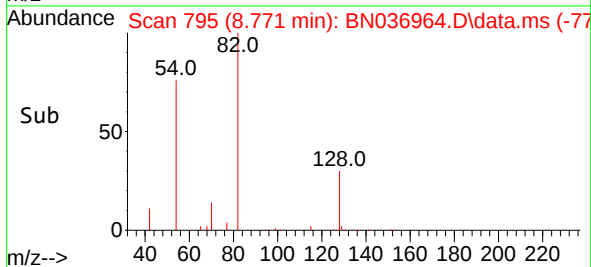
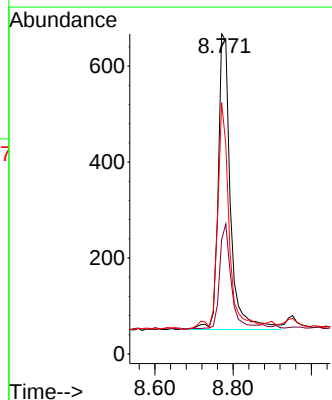
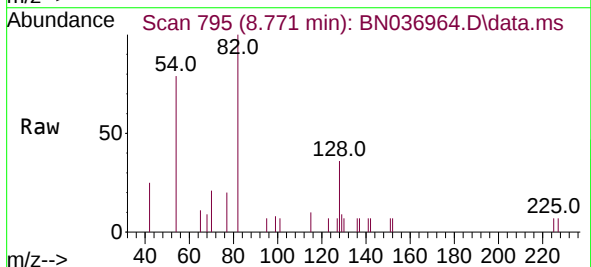
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

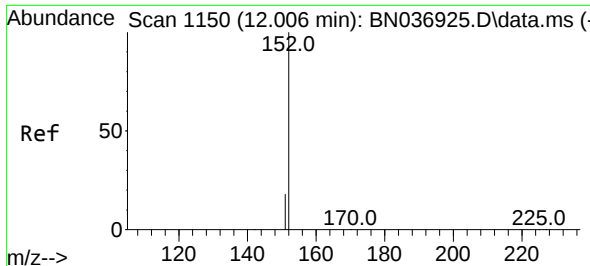
Tgt Ion:	136	Resp:	3725
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.7	14.5
54	11.0	8.0	12.0
68	6.7	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.771 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion:	82	Resp:	1340
Ion	Ratio	Lower	Upper
82	100		
128	35.7	30.7	46.1
54	78.6	52.1	78.1

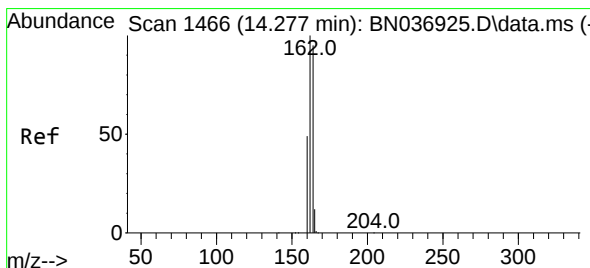
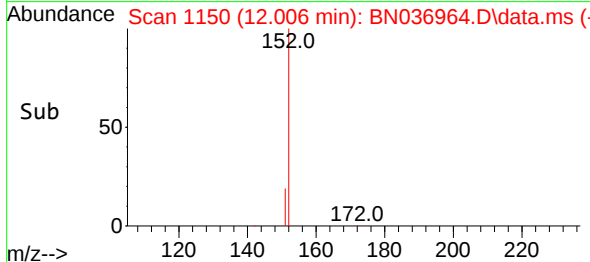
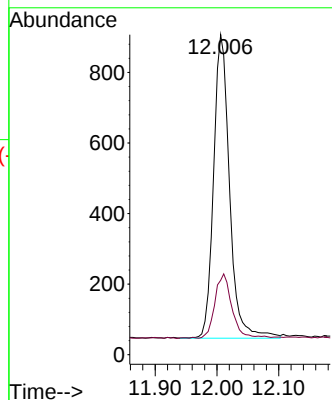
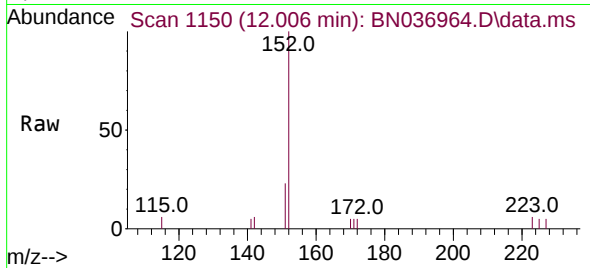




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.006 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

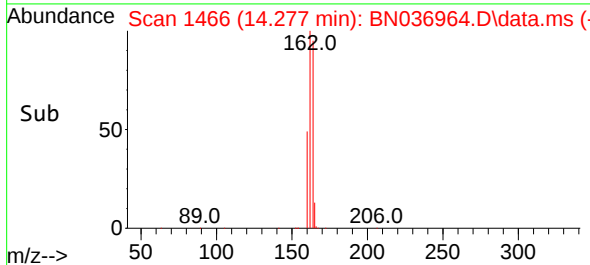
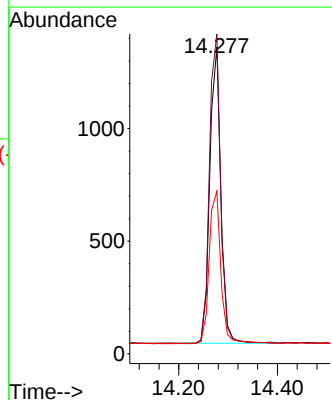
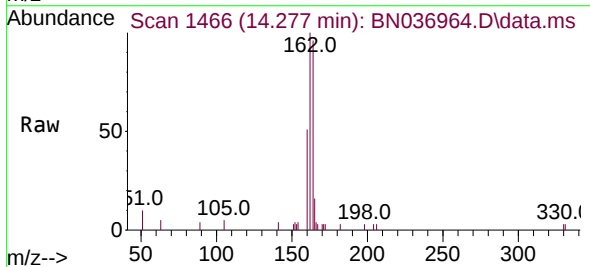
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250501

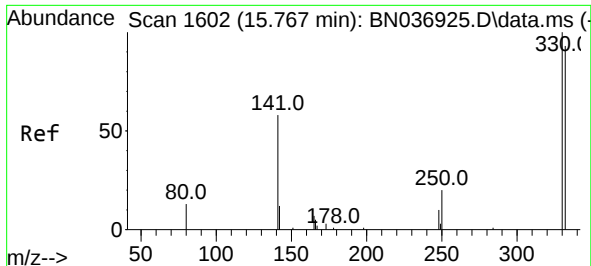
Tgt Ion:152 Resp: 1551
Ion Ratio Lower Upper
152 100
151 22.1 16.9 25.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

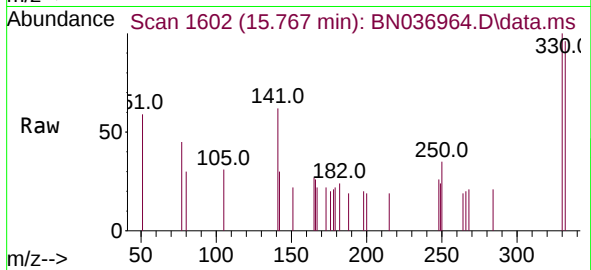
Tgt Ion:164 Resp: 2044
Ion Ratio Lower Upper
164 100
162 104.2 83.8 125.8
160 53.0 42.0 63.0



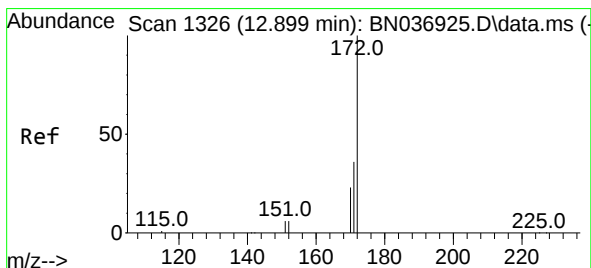
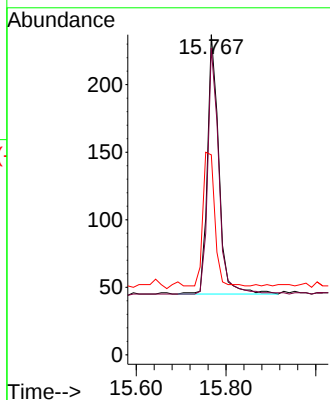
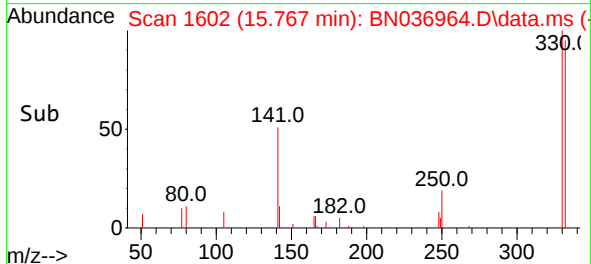


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.767 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

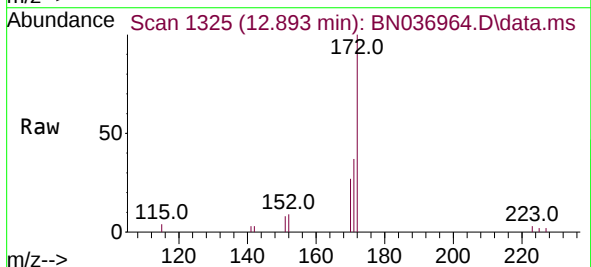
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RW5-SP100-20250501



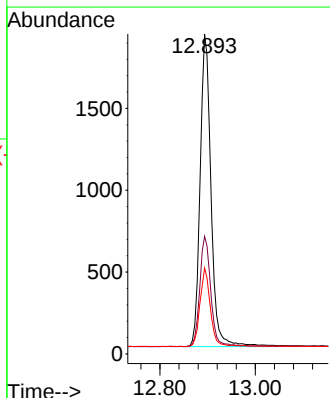
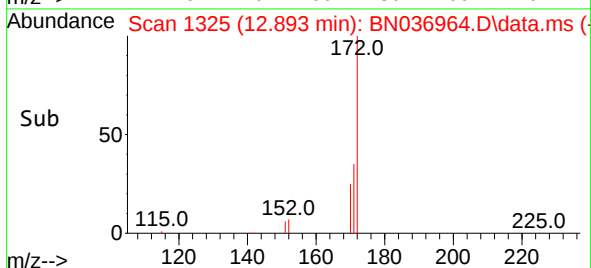
Tgt Ion:330 Resp: 338
Ion Ratio Lower Upper
330 100
332 92.3 76.3 114.5
141 54.4 45.4 68.2

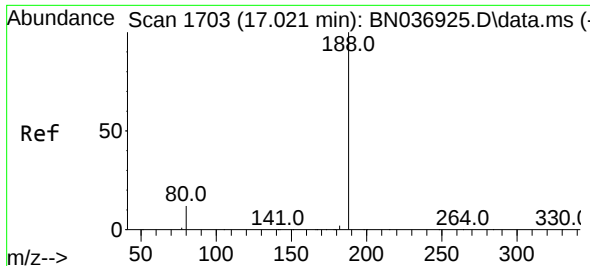


#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.893 min Scan# 1325
Delta R.T. -0.005 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46



Tgt Ion:172 Resp: 3375
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 26.9 19.4 29.0

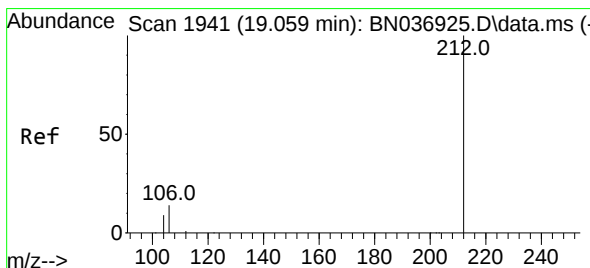
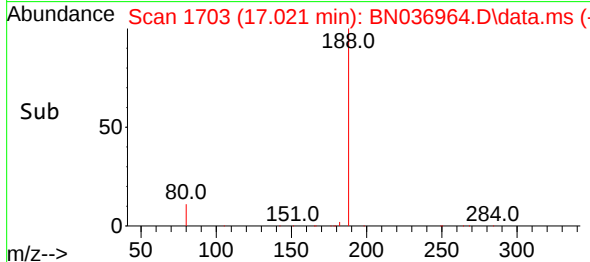
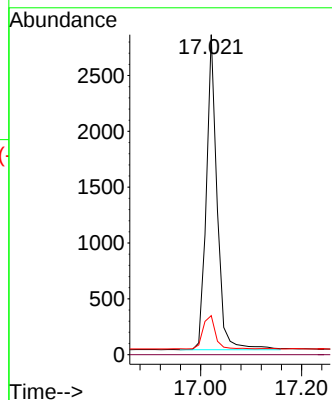
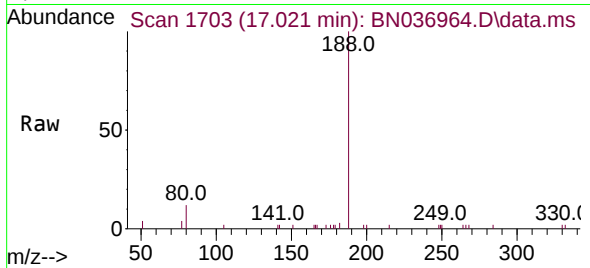




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

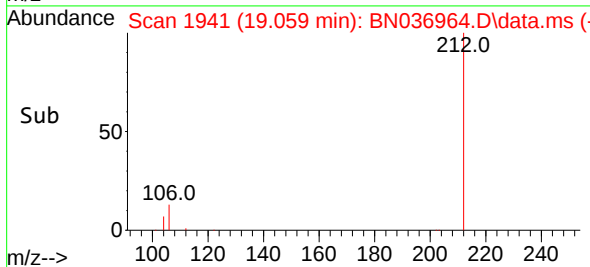
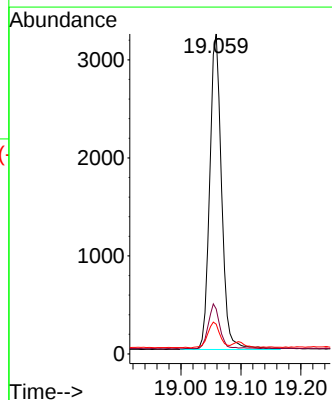
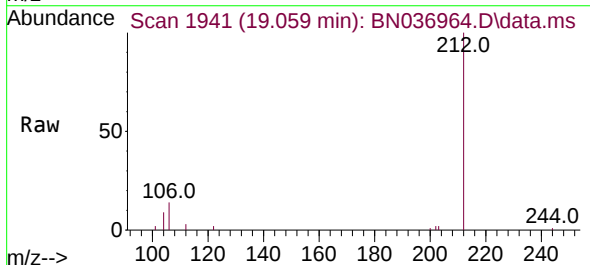
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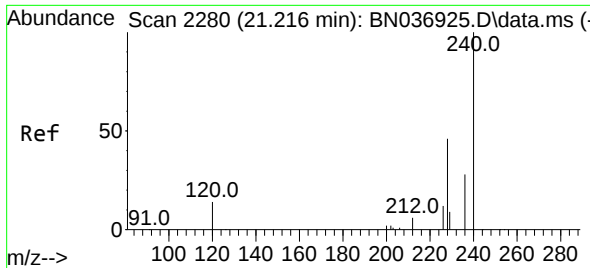
Tgt Ion:188 Resp: 4199
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 10.7 16.1



#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion:212 Resp: 4425
Ion Ratio Lower Upper
212 100
106 13.8 11.6 17.4
104 8.5 7.0 10.4

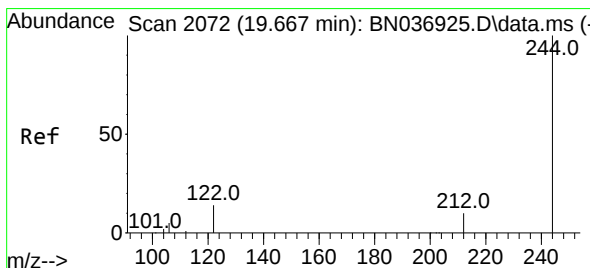
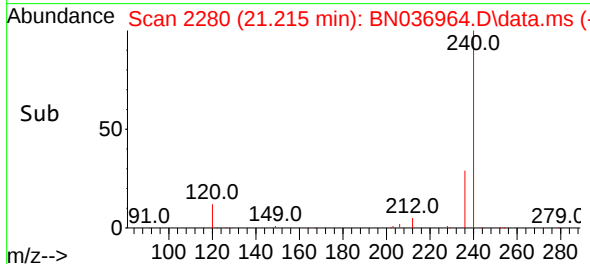
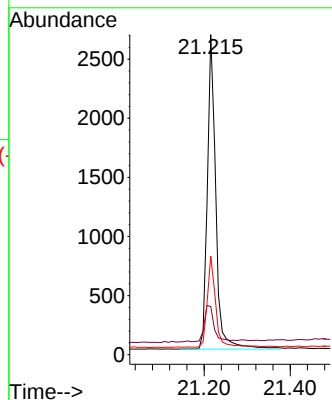
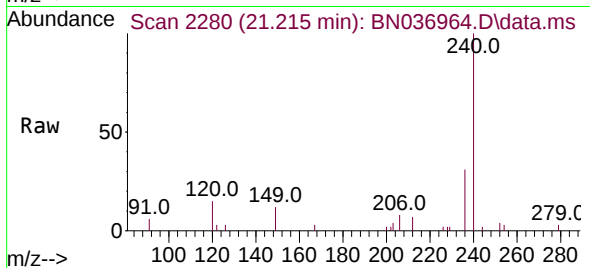




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

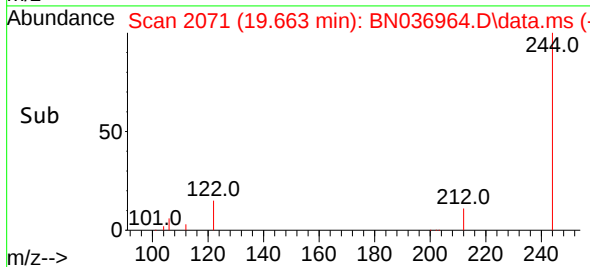
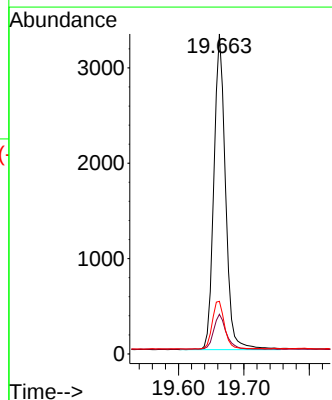
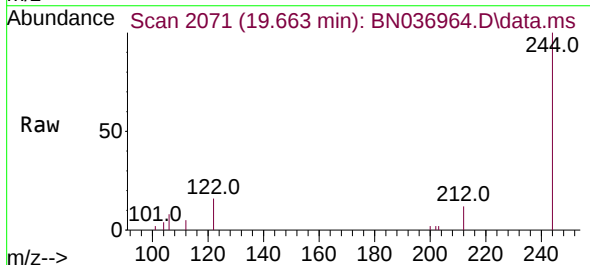
Instrument :
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RW5-SP100-20250501

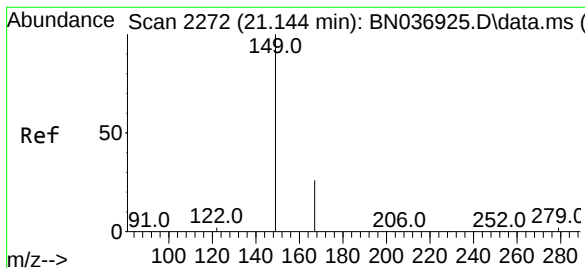
Tgt Ion:240 Resp: 3638
Ion Ratio Lower Upper
240 100
120 15.0 14.1 21.1
236 30.8 23.8 35.8



#31
Terphenyl-d14
Concen: 0.476 ng
RT: 19.663 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036964.D
Acq: 07 May 2025 15:46

Tgt Ion:244 Resp: 4088
Ion Ratio Lower Upper
244 100
212 12.4 9.6 14.4
122 16.4 12.7 19.1

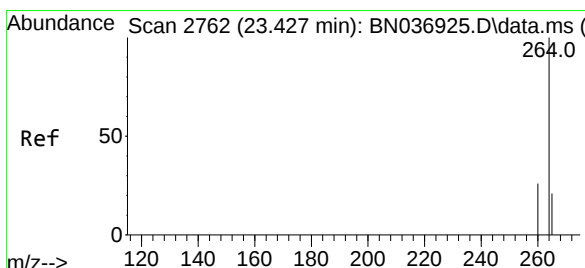
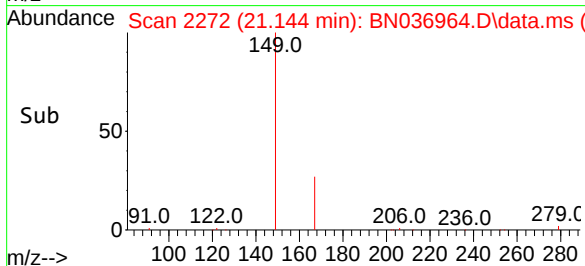
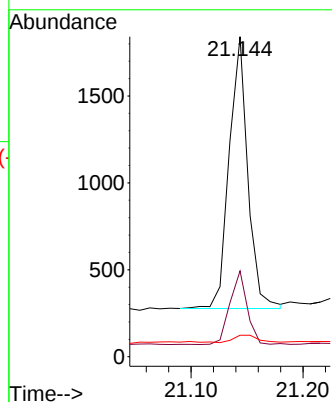
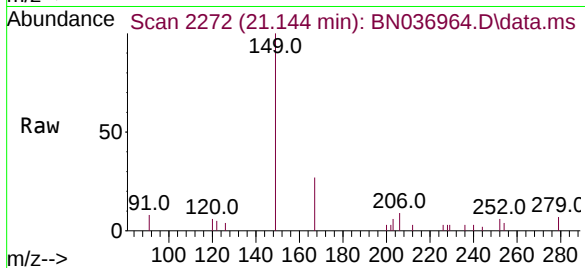




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.237 ng
 RT: 21.144 min Scan# 2114
 Delta R.T. -0.000 min
 Lab File: BN036964.D
 Acq: 07 May 2025 15:46

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250501

Tgt Ion:149 Resp: 1808
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.0 31.6
 279 3.7 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.424 min Scan# 2761
 Delta R.T. -0.003 min
 Lab File: BN036964.D
 Acq: 07 May 2025 15:46

Tgt Ion:264 Resp: 3538
 Ion Ratio Lower Upper
 264 100
 260 26.9 22.2 33.2
 265 71.9 65.8 98.6

