

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050825\
 Data File : BN036974.D
 Acq On : 08 May 2025 15:40
 Operator : RC/JU
 Sample : Q1939-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GB2B

Quant Time: May 08 16:42:33 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)

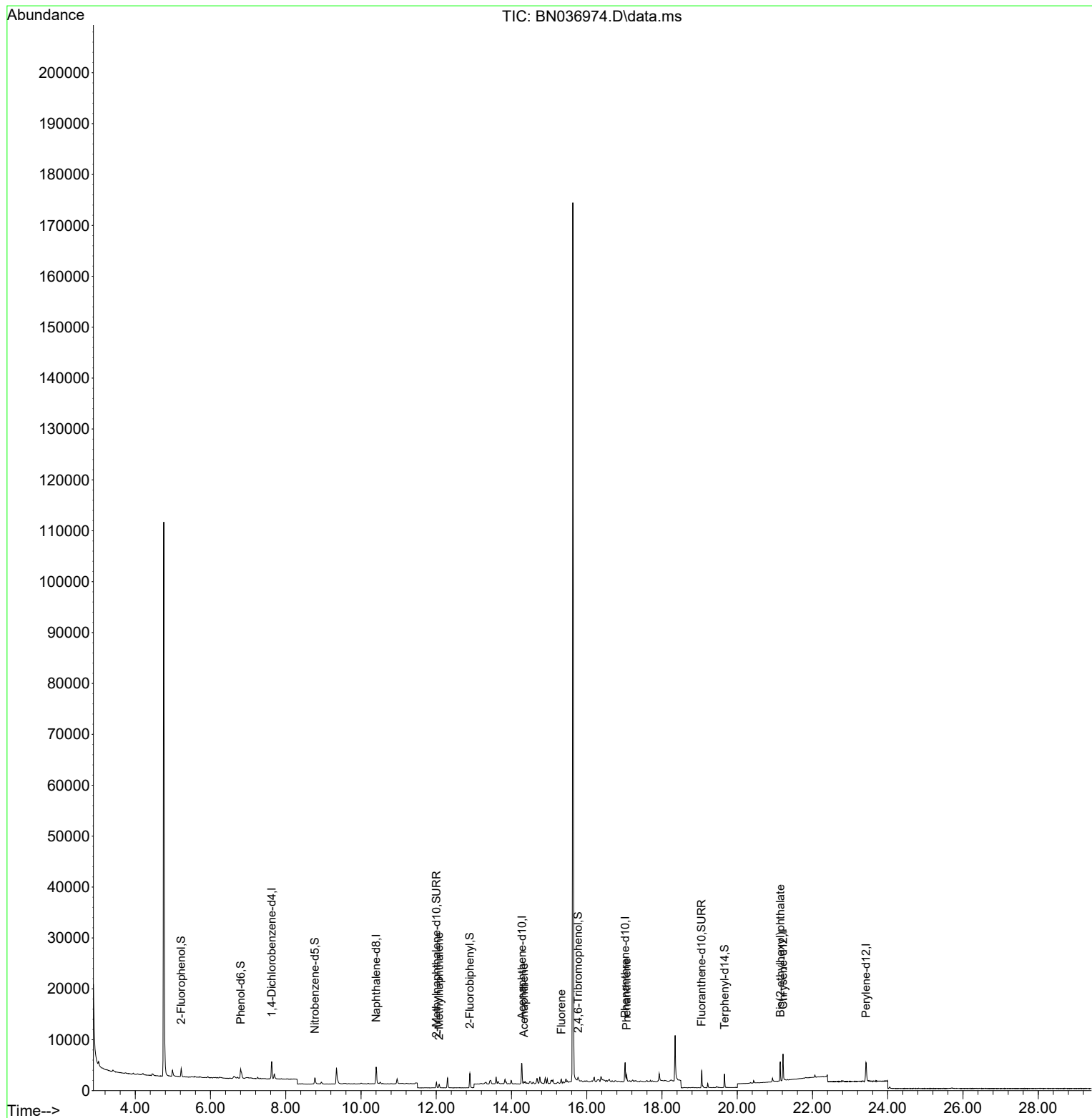
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	1602	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	4100	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	2293	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4908	0.400	ng	# 0.00
29) Chrysene-d12	21.216	240	4614	0.400	ng	# 0.00
35) Perylene-d12	23.421	264	4836	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	1131	0.276	ng	0.00
5) Phenol-d6	6.802	99	1419	0.281	ng	0.00
8) Nitrobenzene-d5	8.771	82	1102	0.257	ng	-0.01
11) 2-Methylnaphthalene-d10	12.006	152	1490	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.768	330	257	0.251	ng	0.00
15) 2-Fluorobiphenyl	12.894	172	2873	0.259	ng	0.00
27) Fluoranthene-d10	19.054	212	3646	0.287	ng	0.00
31) Terphenyl-d14	19.663	244	2536	0.233	ng	0.00
Target Compounds						Qvalue
12) 2-Methylnaphthalene	12.077	142	470	0.061	ng	# 91
17) Acenaphthene	14.331	154	148	0.020	ng	# 45
18) Fluorene	15.325	166	398	0.041	ng	# 86
25) Phenanthrene	17.058	178	1352	0.083	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.144	149	3585	0.371	ng	99

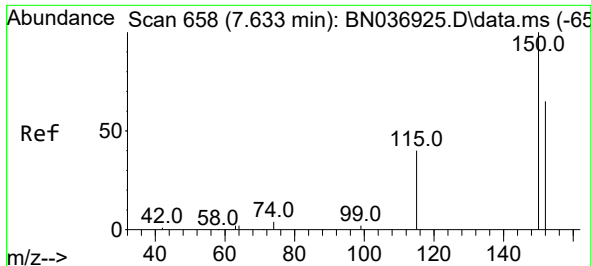
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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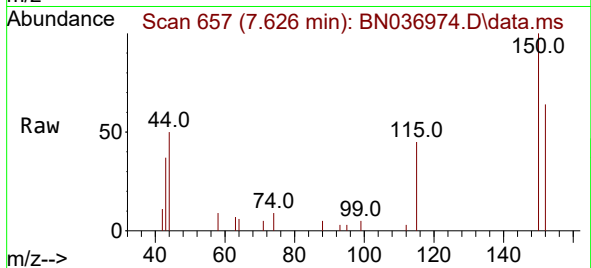
Quant Time: May 08 16:42:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
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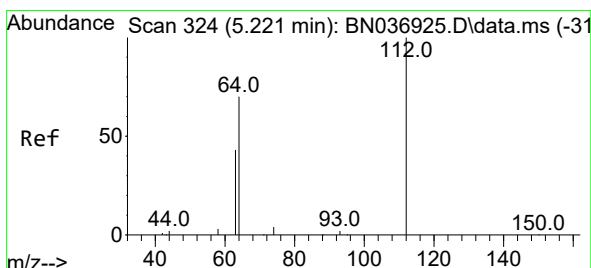
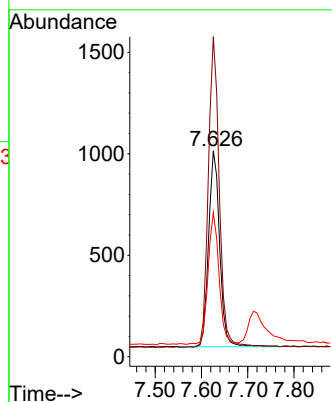
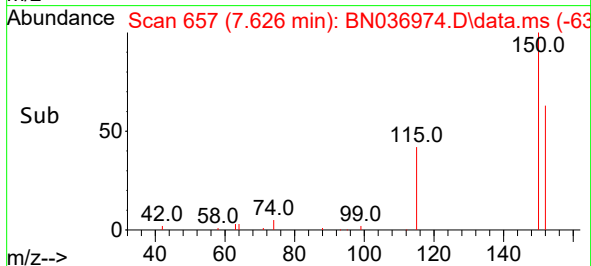


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.626 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

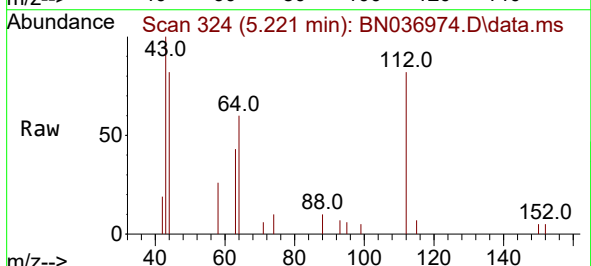
Instrument :
BNA_N
ClientSampleId :
GB2B



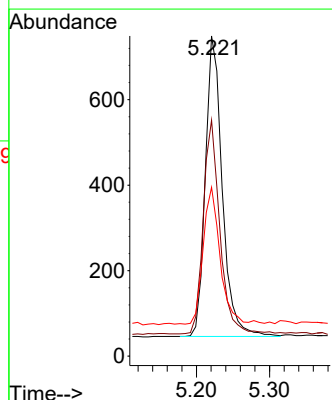
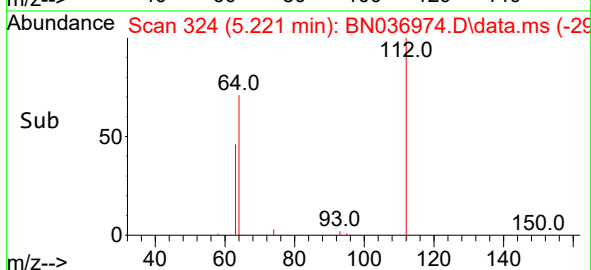
Tgt Ion:152 Resp: 1602
Ion Ratio Lower Upper
152 100
150 155.4 121.1 181.7
115 70.0 51.8 77.6

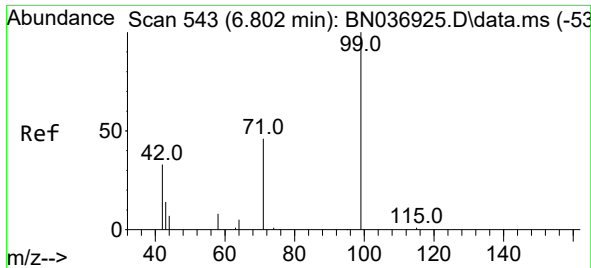


#4
2-Fluorophenol
Concen: 0.276 ng
RT: 5.221 min Scan# 324
Delta R.T. 0.000 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40



Tgt Ion:112 Resp: 1131
Ion Ratio Lower Upper
112 100
64 69.8 55.7 83.5
63 45.1 33.9 50.9

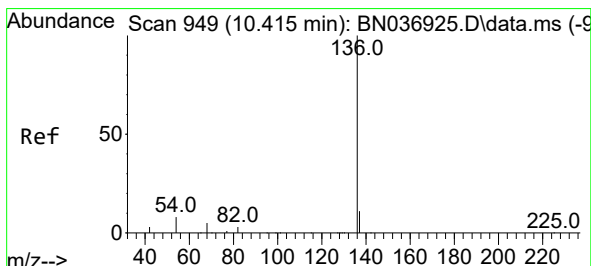
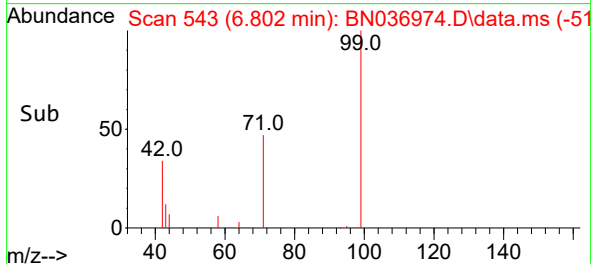
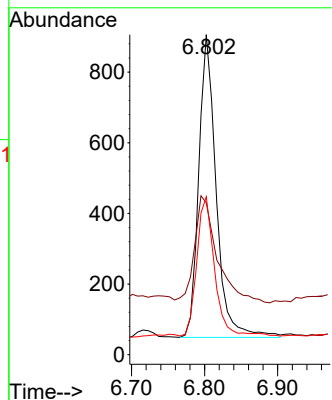
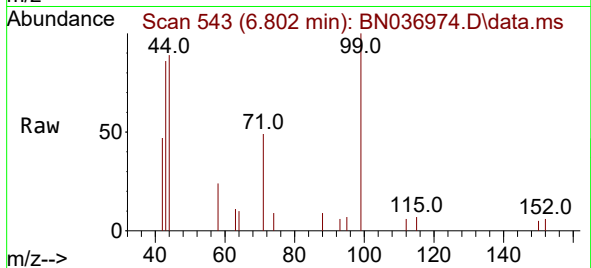




#5
Phenol-d6
Concen: 0.281 ng
RT: 6.802 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

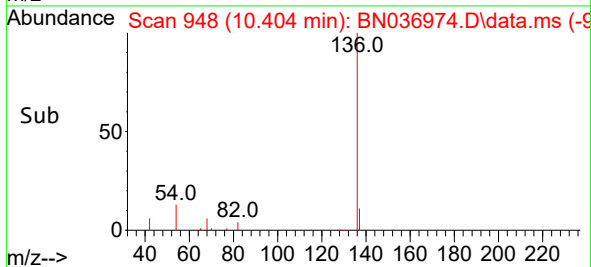
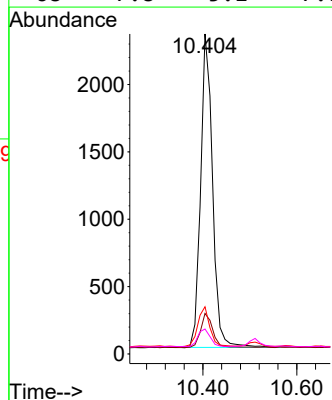
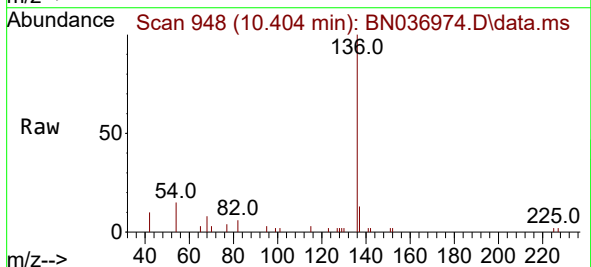
Instrument :
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ClientSampleId :
GB2B

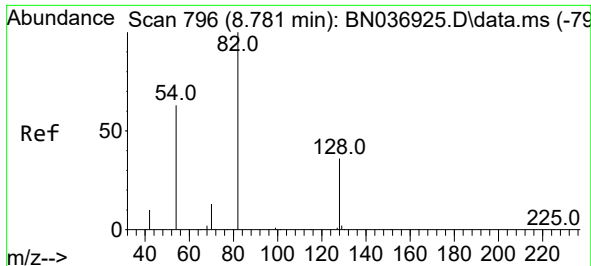
Tgt Ion: 99 Resp: 1419
Ion Ratio Lower Upper
99 100
42 46.0 29.6 44.4#
71 46.9 36.0 54.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

Tgt Ion: 136 Resp: 4100
Ion Ratio Lower Upper
136 100
137 12.7 9.7 14.5
54 14.8 8.0 12.0#
68 7.8 5.1 7.7#

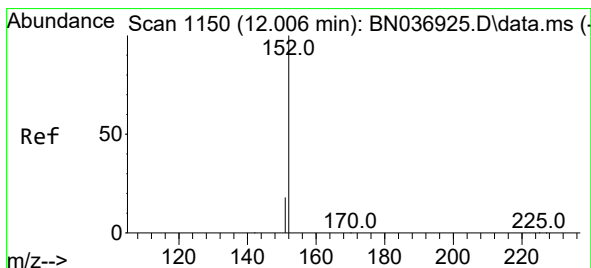
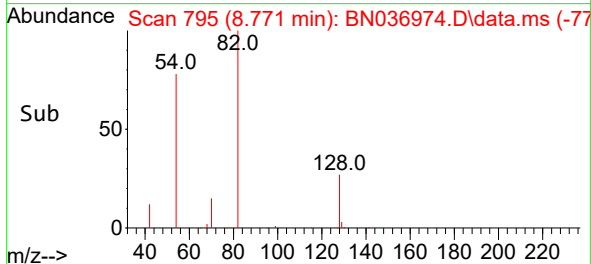
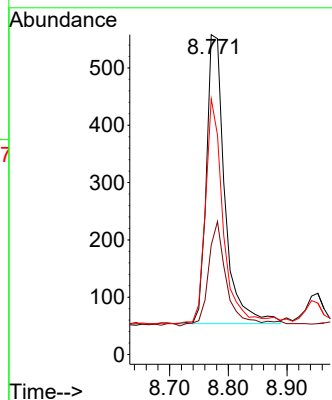
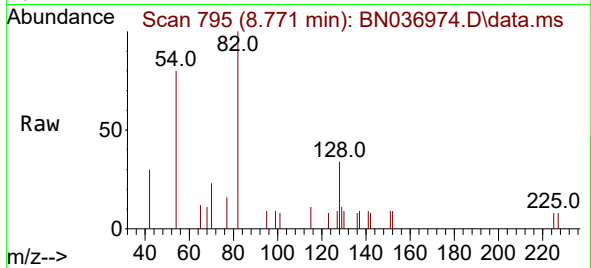




#8
 Nitrobenzene-d5
 Concen: 0.257 ng
 RT: 8.771 min Scan# 796
 Delta R.T. -0.011 min
 Lab File: BN036974.D
 Acq: 08 May 2025 15:40

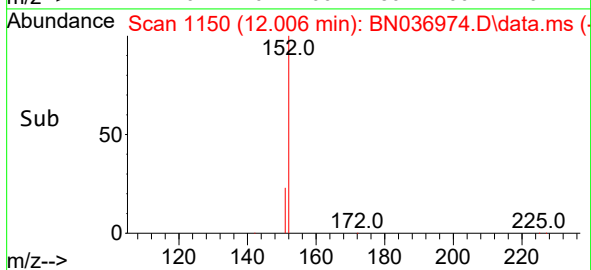
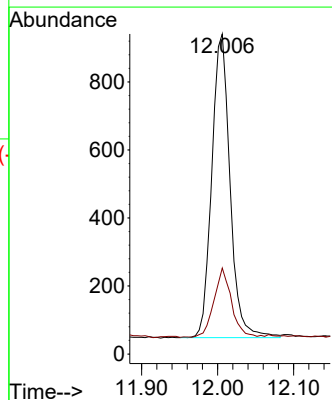
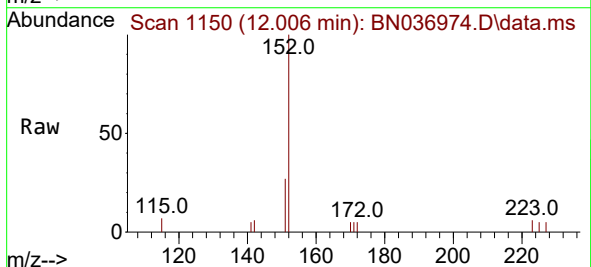
Instrument :
 BNA_N
 ClientSampleId :
 GB2B

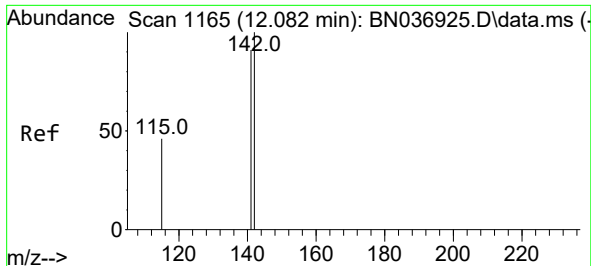
Tgt Ion: 82 Resp: 1102
 Ion Ratio Lower Upper
 82 100
 128 34.2 30.7 46.1
 54 79.9 52.1 78.1#



#11
 2-Methylnaphthalene-d10
 Concen: 0.260 ng
 RT: 12.006 min Scan# 1150
 Delta R.T. 0.000 min
 Lab File: BN036974.D
 Acq: 08 May 2025 15:40

Tgt Ion:152 Resp: 1490
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.9 25.3

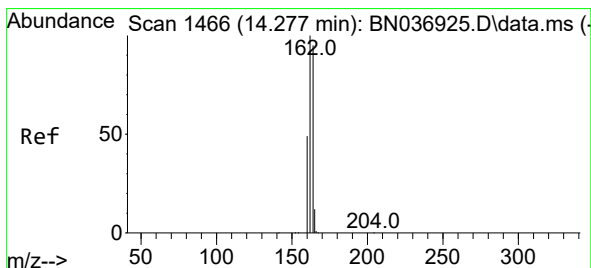
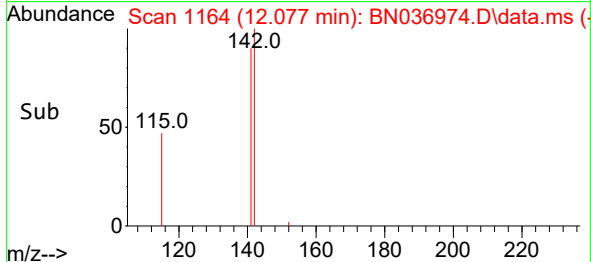
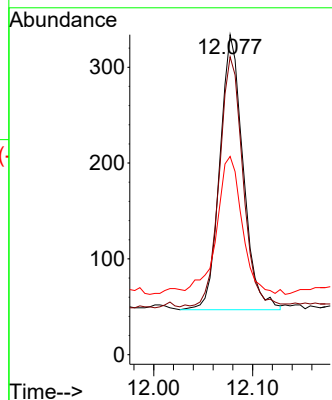
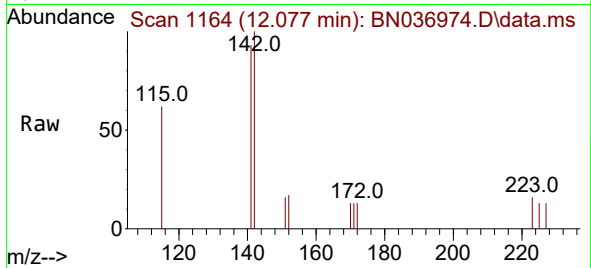




#12
2-Methylnaphthalene
Concen: 0.061 ng
RT: 12.077 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

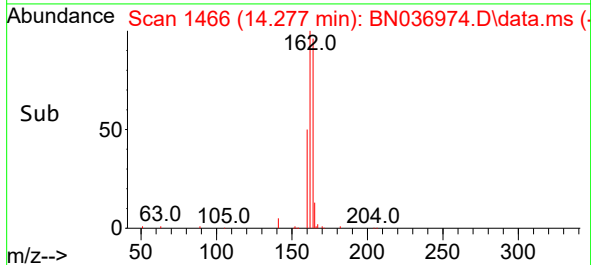
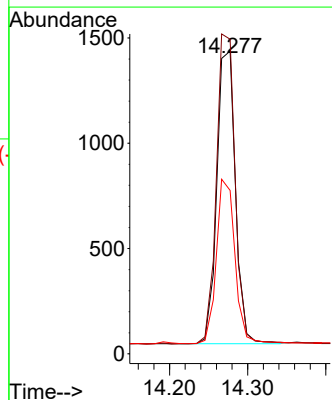
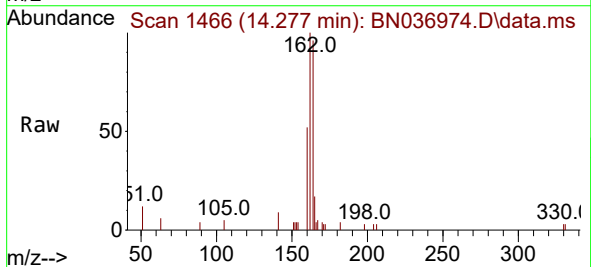
Instrument :
BNA_N
ClientSampleId :
GB2B

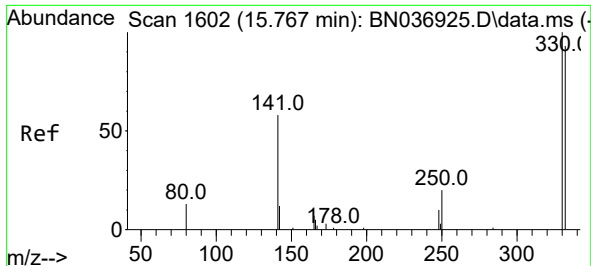
Tgt Ion:142 Resp: 470
Ion Ratio Lower Upper
142 100
141 93.1 72.8 109.2
115 62.0 38.2 57.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

Tgt Ion:164 Resp: 2293
Ion Ratio Lower Upper
164 100
162 103.9 83.8 125.8
160 54.0 42.0 63.0

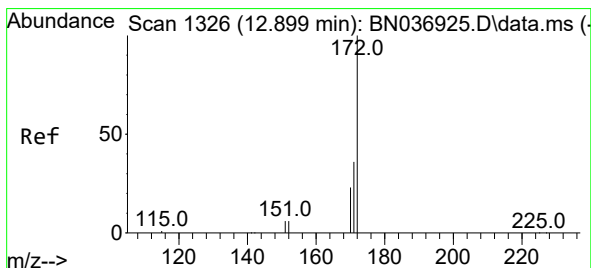
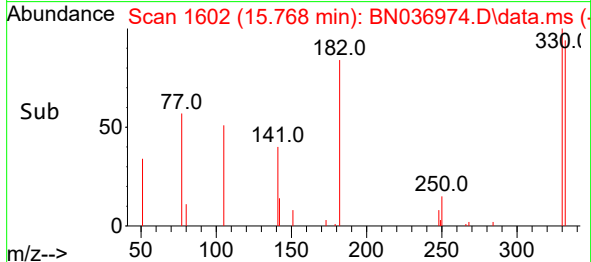
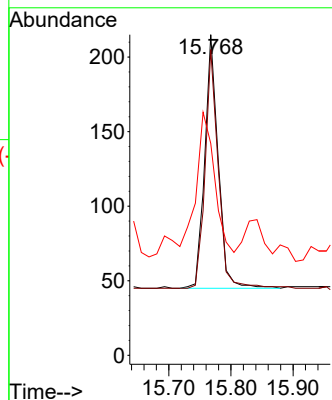
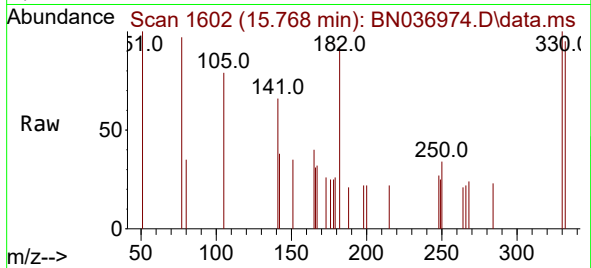




#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.768 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

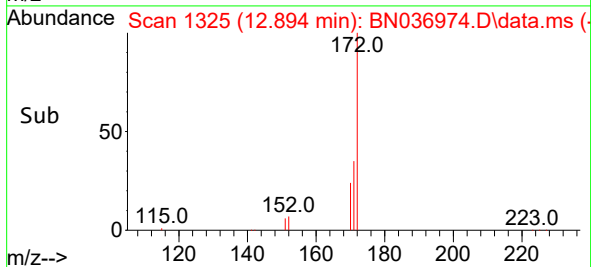
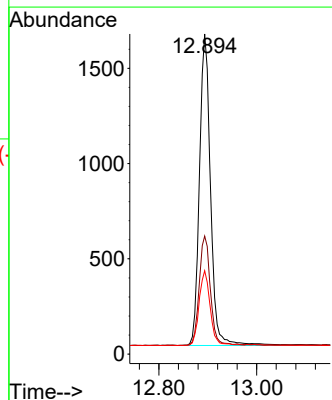
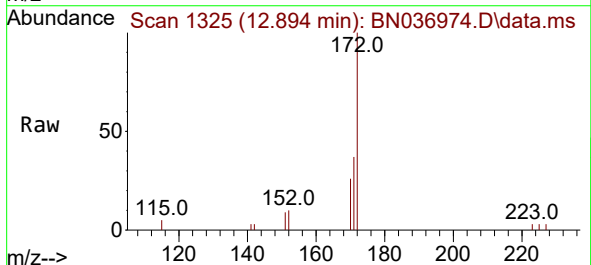
Instrument :
BNA_N
ClientSampleId :
GB2B

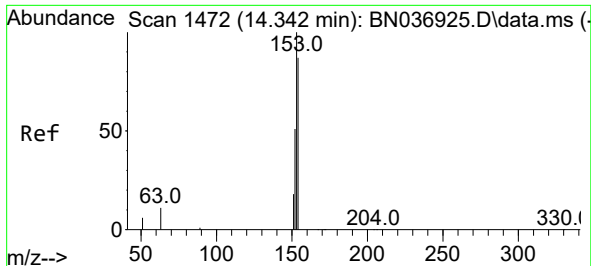
Tgt Ion: 330 Resp: 257
Ion Ratio Lower Upper
330 100
332 92.6 76.3 114.5
141 93.8 45.4 68.2#



#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 12.894 min Scan# 1325
Delta R.T. -0.005 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

Tgt Ion: 172 Resp: 2873
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 26.0 19.4 29.0

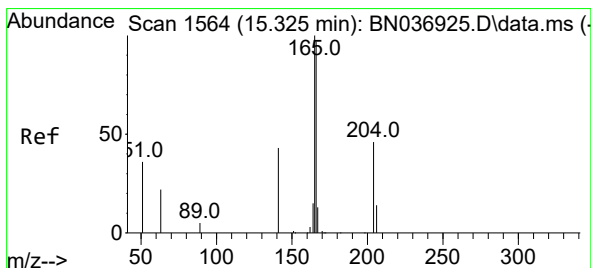
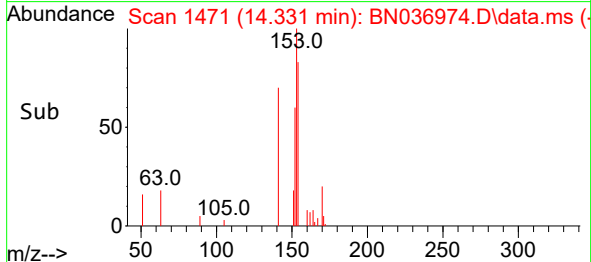
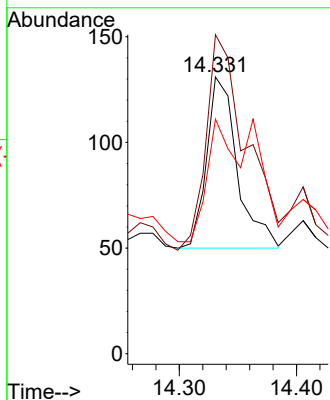
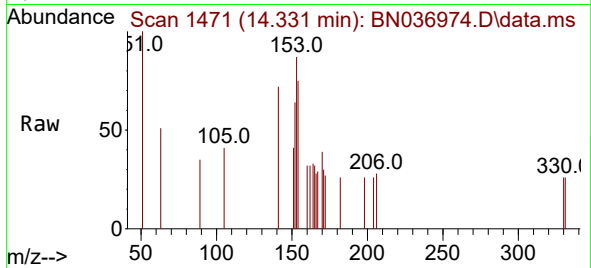




#17
Acenaphthene
Concen: 0.020 ng
RT: 14.331 min Scan# 1471
Delta R.T. -0.011 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

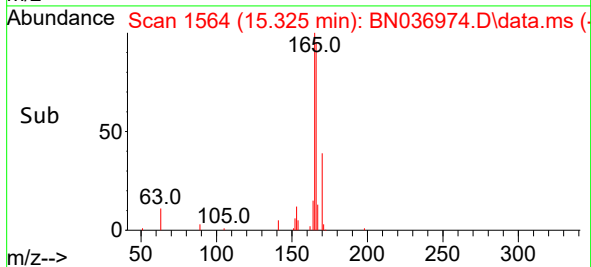
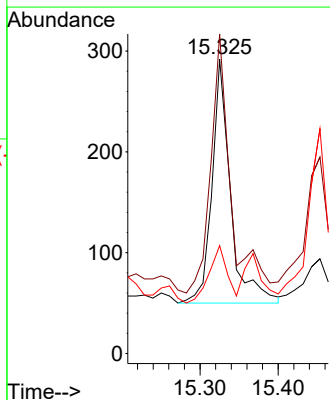
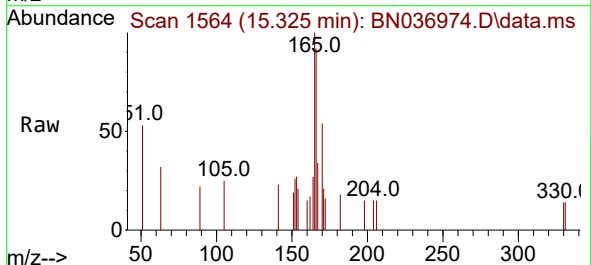
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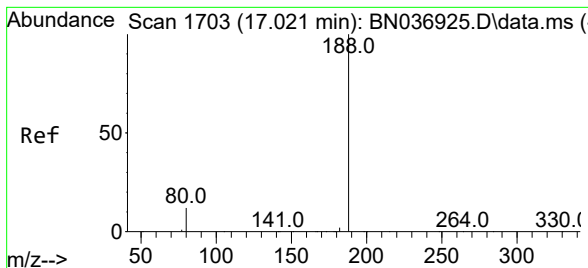
Tgt Ion:154 Resp: 148
Ion Ratio Lower Upper
154 100
153 173.0 93.4 140.2#
152 108.8 49.5 74.3#



#18
Fluorene
Concen: 0.041 ng
RT: 15.325 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

Tgt Ion:166 Resp: 398
Ion Ratio Lower Upper
166 100
165 113.6 80.8 121.2
167 23.4 10.8 16.2#

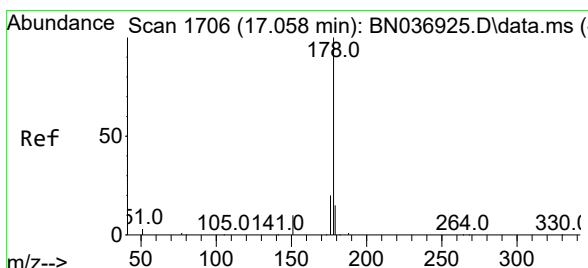
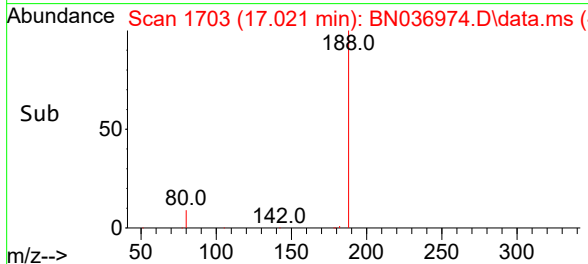
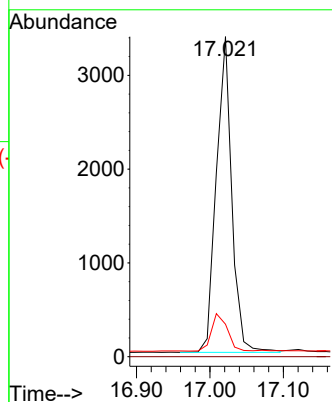
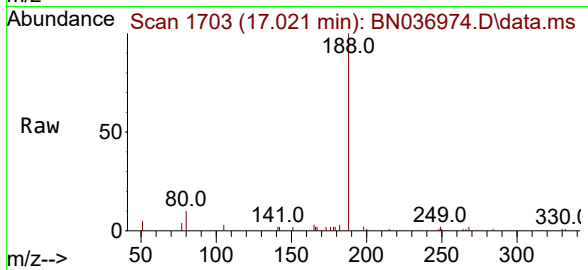




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

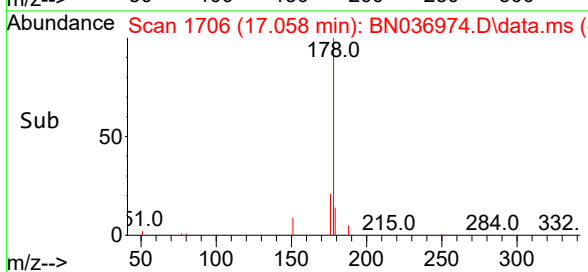
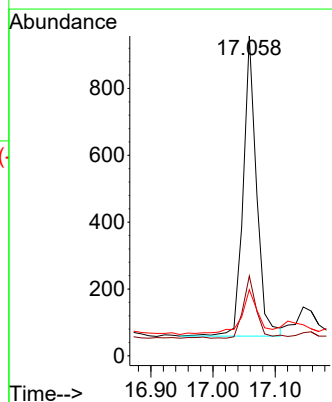
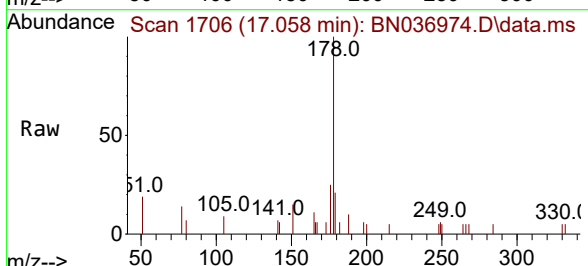
Instrument :
BNA_N
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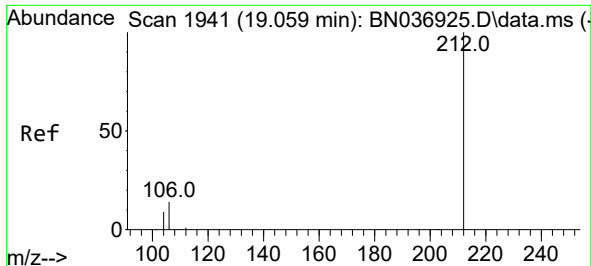
Tgt Ion:188 Resp: 4908
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 10.7 16.1#



#25
Phenanthrene
Concen: 0.083 ng
RT: 17.058 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

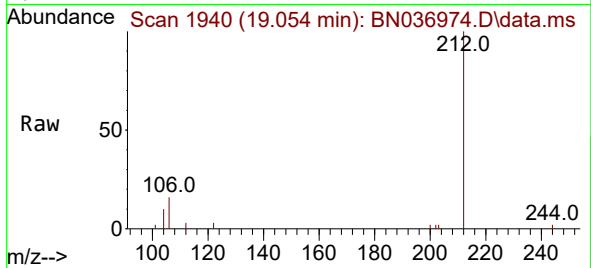
Tgt Ion:178 Resp: 1352
Ion Ratio Lower Upper
178 100
176 20.6 15.7 23.5
179 19.1 12.4 18.6#



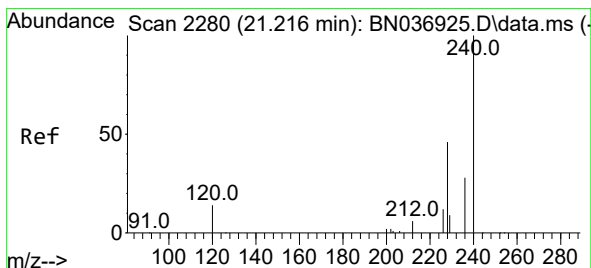
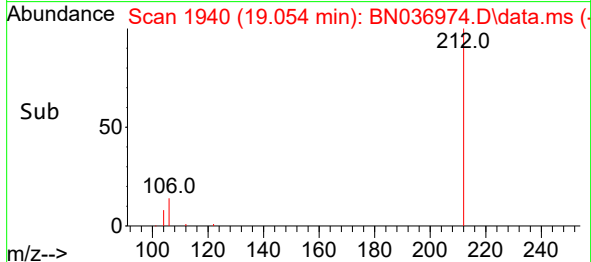
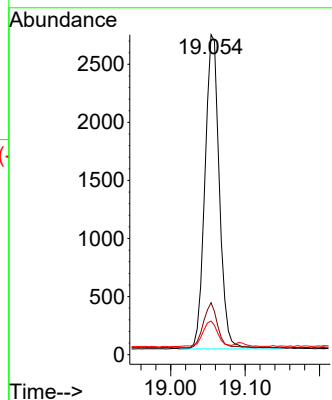


#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.054 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

Instrument :
BNA_N
ClientSampleId :
GB2B

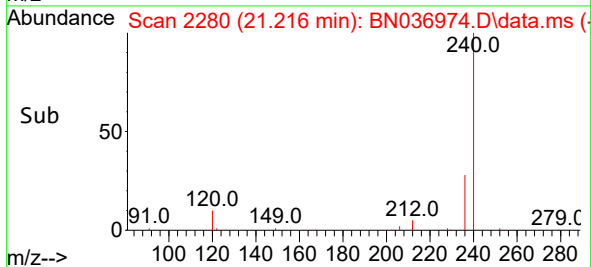
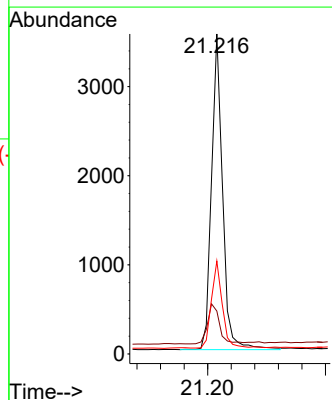
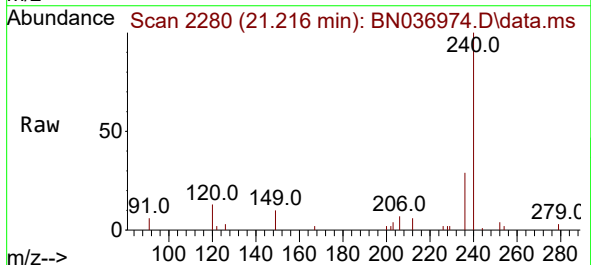


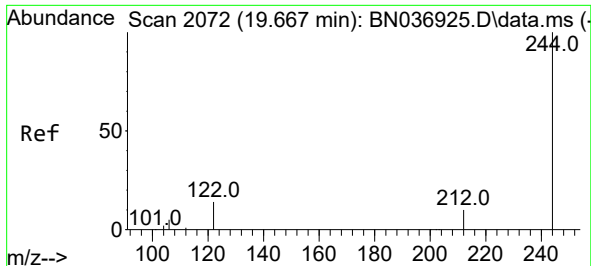
Tgt Ion:212 Resp: 3646
Ion Ratio Lower Upper
212 100
106 14.1 11.6 17.4
104 8.7 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.216 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BN036974.D
Acq: 08 May 2025 15:40

Tgt Ion:240 Resp: 4614
Ion Ratio Lower Upper
240 100
120 13.4 14.1 21.1#
236 29.0 23.8 35.8

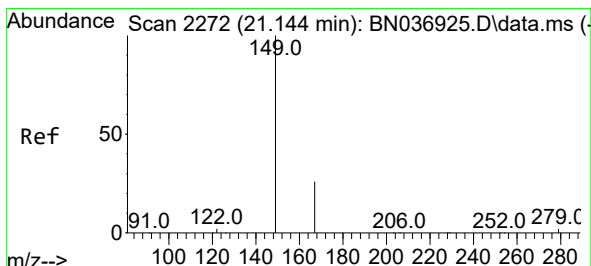
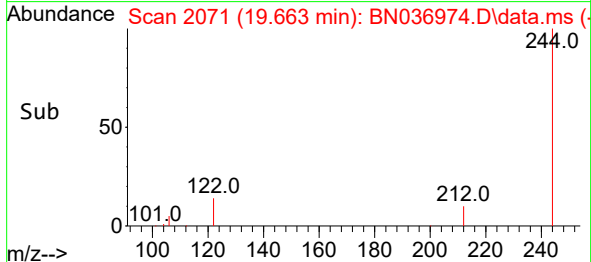
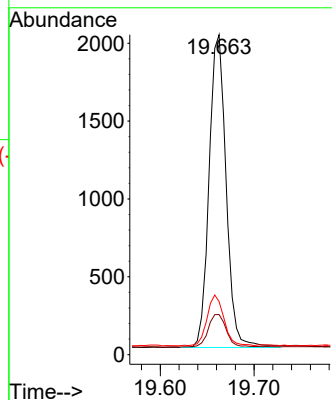
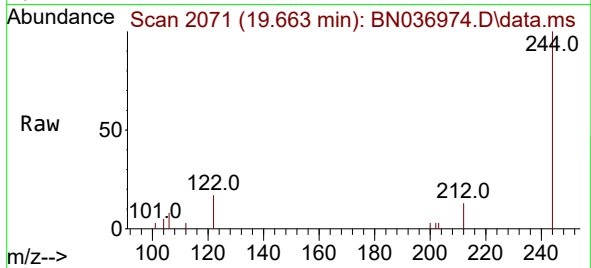




#31
 Terphenyl-d14
 Concen: 0.233 ng
 RT: 19.663 min Scan# 2072
 Delta R.T. -0.005 min
 Lab File: BN036974.D
 Acq: 08 May 2025 15:40

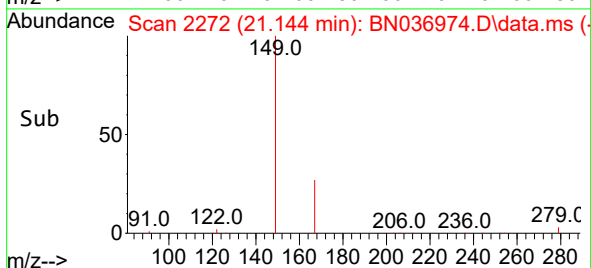
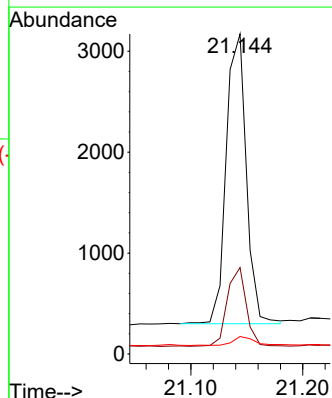
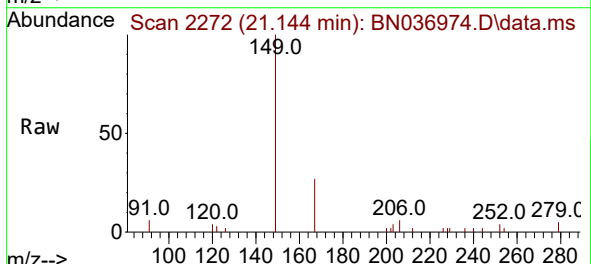
Instrument :
 BNA_N
 ClientSampleId :
 GB2B

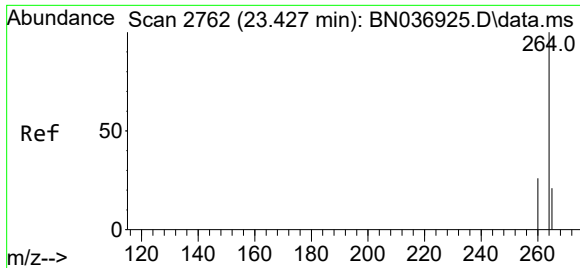
Tgt Ion:244 Resp: 2536
 Ion Ratio Lower Upper
 244 100
 212 12.6 9.6 14.4
 122 16.6 12.7 19.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.371 ng
 RT: 21.144 min Scan# 2272
 Delta R.T. 0.000 min
 Lab File: BN036974.D
 Acq: 08 May 2025 15:40

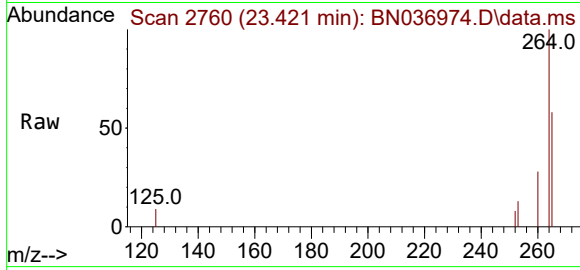
Tgt Ion:149 Resp: 3585
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.6
 279 3.4 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.421 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN036974.D
 Acq: 08 May 2025 15:40

Instrument :
 BNA_N
 ClientSampleId :
 GB2B



Tgt Ion:	264	Resp:	4836
Ion Ratio	Lower	Upper	
264	100		
260	27.7	22.2	33.2
265	58.3	65.8	98.6#

