

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050825\
 Data File : BN036973.D
 Acq On : 08 May 2025 15:04
 Operator : RC/JU
 Sample : PB167915BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167915BL

Quant Time: May 08 15:33:27 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	1580	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	3771	0.400	ng	# 0.00
13) Acenaphthene-d10	14.277	164	2026	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4065	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3603	0.400	ng	0.00
35) Perylene-d12	23.421	264	3531	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1378	0.341	ng	0.00
5) Phenol-d6	6.809	99	1504	0.302	ng	0.00
8) Nitrobenzene-d5	8.781	82	1245	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.016	152	1668	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	206	0.228	ng	0.01
15) 2-Fluorobiphenyl	12.904	172	3042	0.311	ng	0.00
27) Fluoranthene-d10	19.059	212	3843	0.365	ng	0.00
31) Terphenyl-d14	19.663	244	2733	0.321	ng	0.00

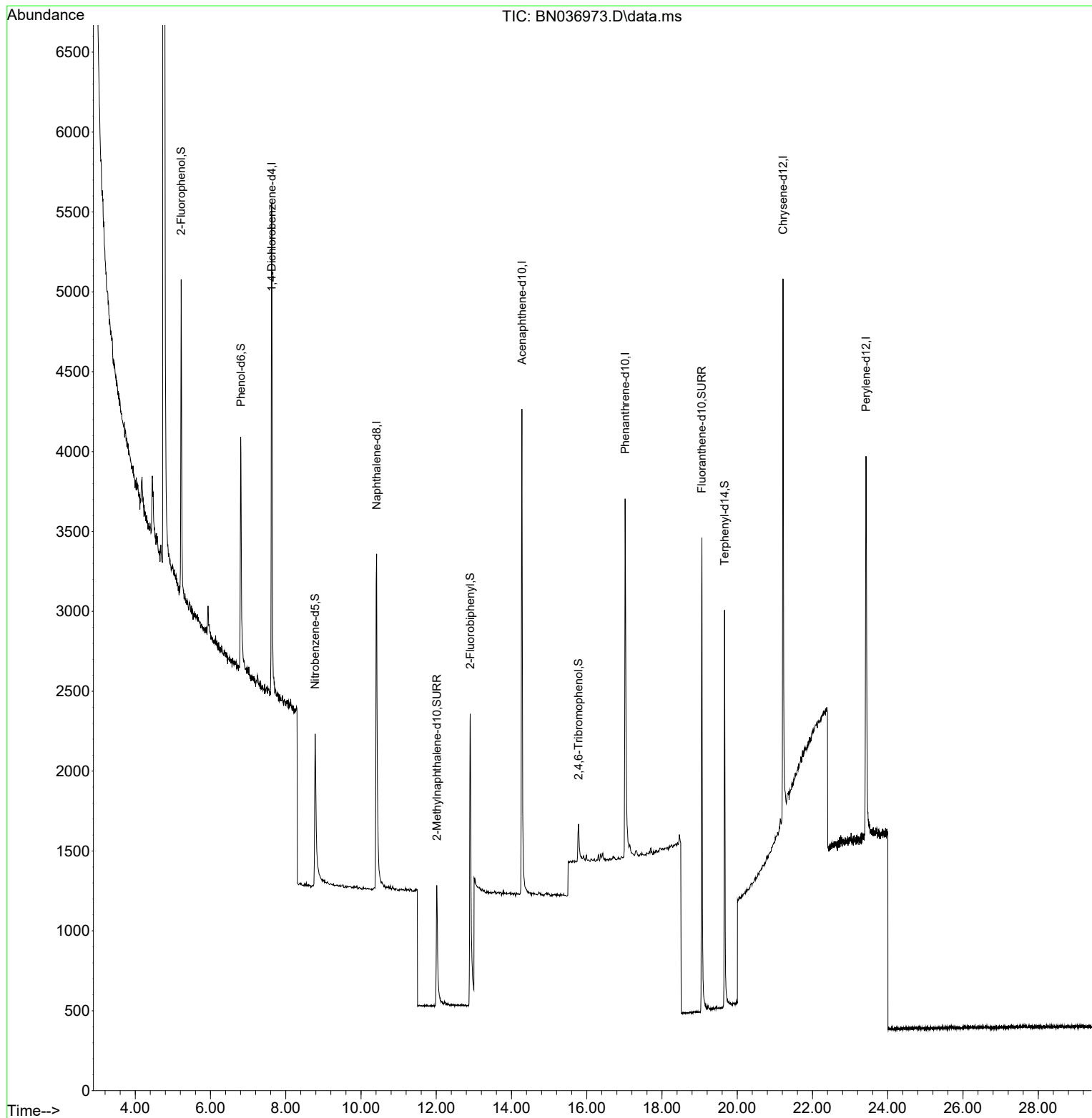
Target Compounds Qvalue

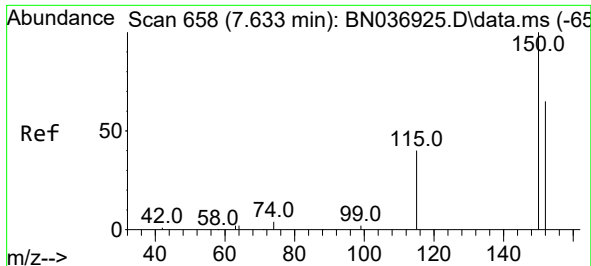
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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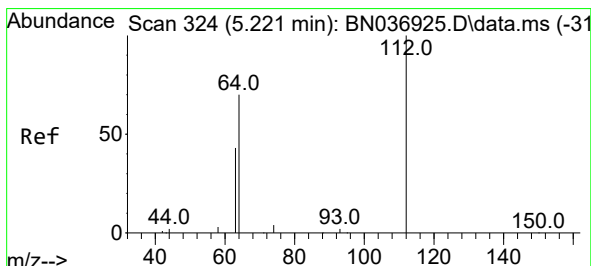
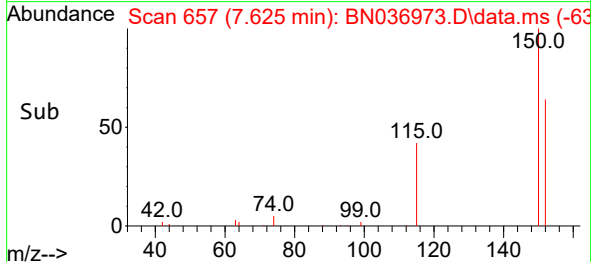
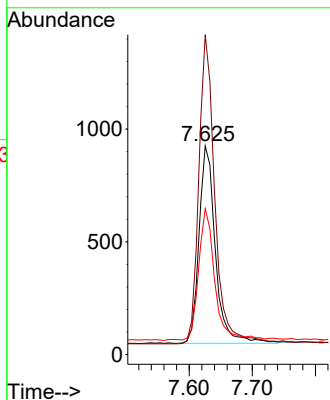
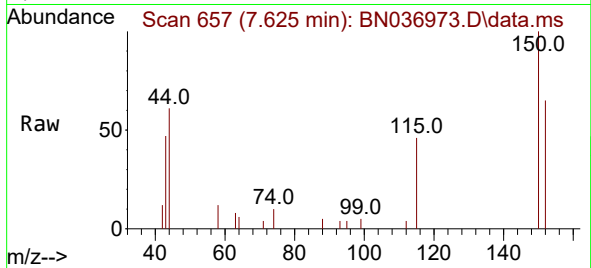




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.625 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

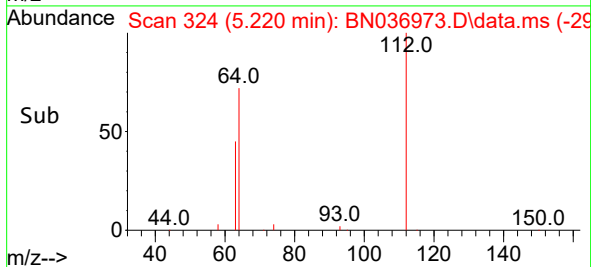
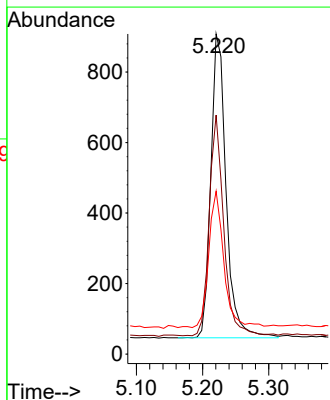
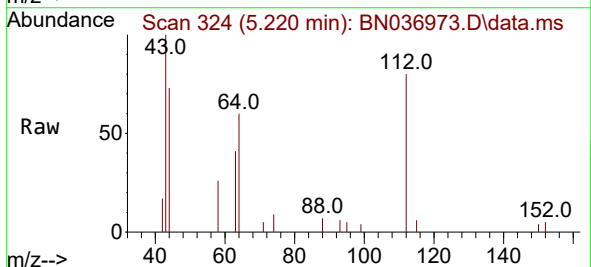
Instrument :
BNA_N
ClientSampleId :
PB167915BL

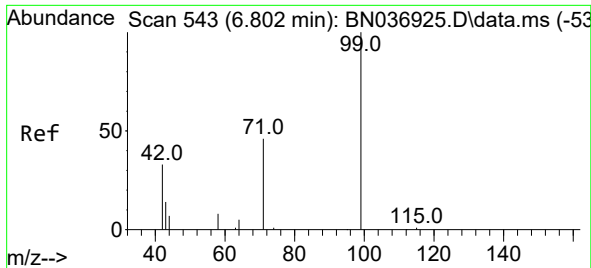
Tgt Ion:152 Resp: 1580
Ion Ratio Lower Upper
152 100
150 153.2 121.1 181.7
115 69.9 51.8 77.6



#4
2-Fluorophenol
Concen: 0.341 ng
RT: 5.220 min Scan# 324
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:112 Resp: 1378
Ion Ratio Lower Upper
112 100
64 69.4 55.7 83.5
63 43.0 33.9 50.9

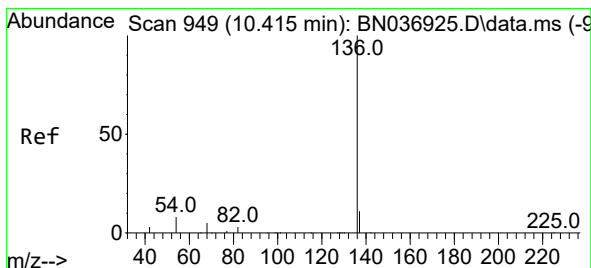
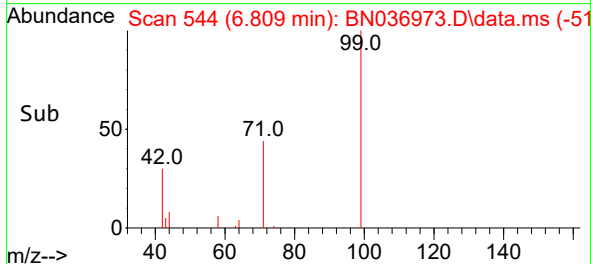
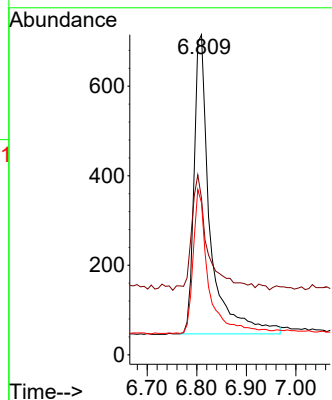
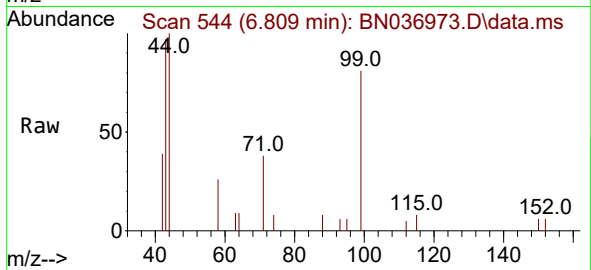




#5
Phenol-d6
Concen: 0.302 ng
RT: 6.809 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

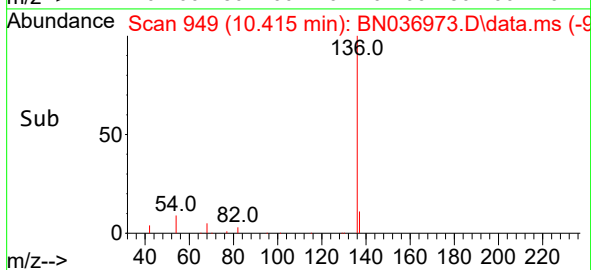
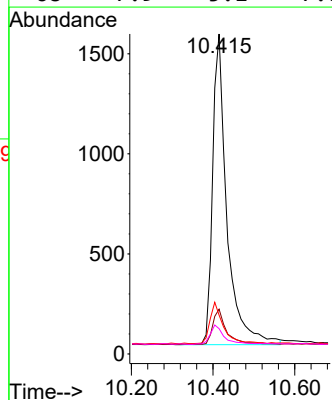
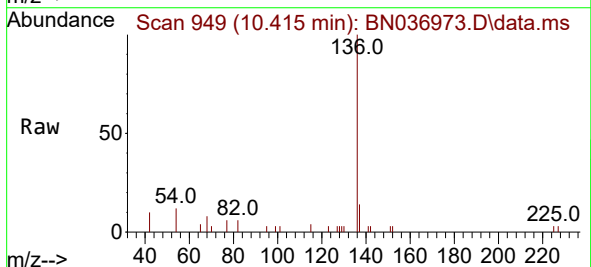
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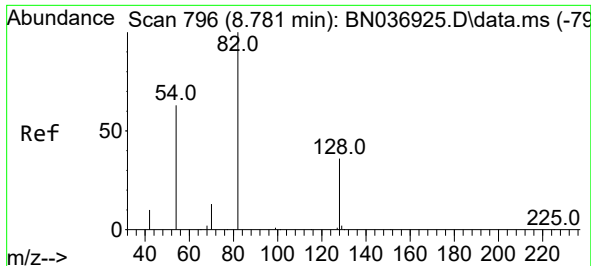
Tgt Ion: 99 Resp: 1504
Ion Ratio Lower Upper
99 100
42 39.2 29.6 44.4
71 45.9 36.0 54.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion: 136 Resp: 3771
Ion Ratio Lower Upper
136 100
137 14.0 9.7 14.5
54 12.1 8.0 12.0#
68 7.9 5.1 7.7#

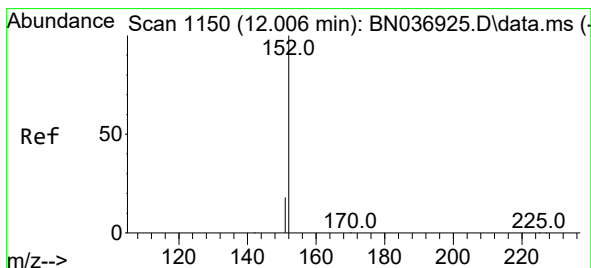
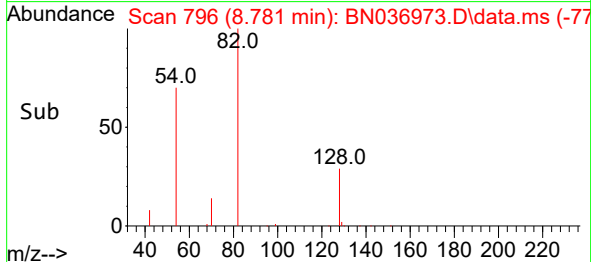
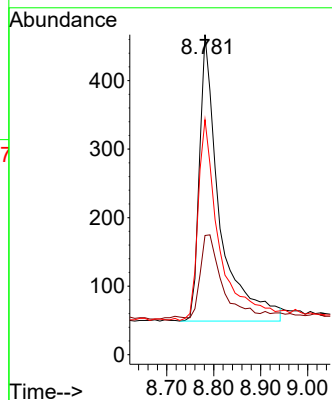
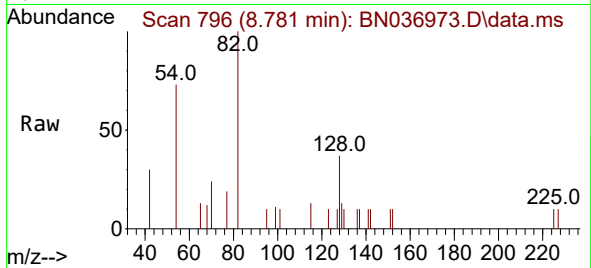




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.781 min Scan# 796
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

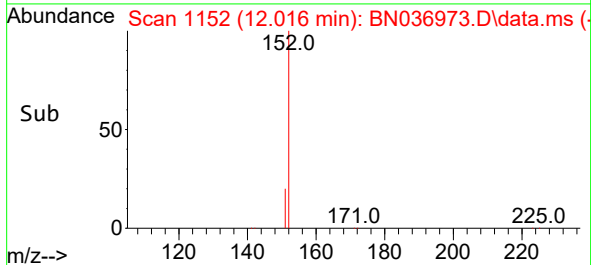
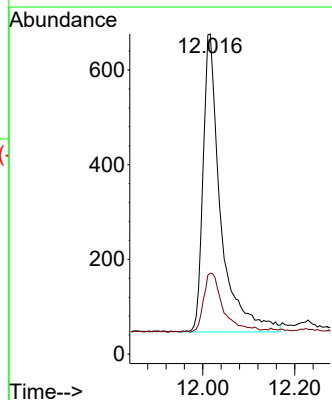
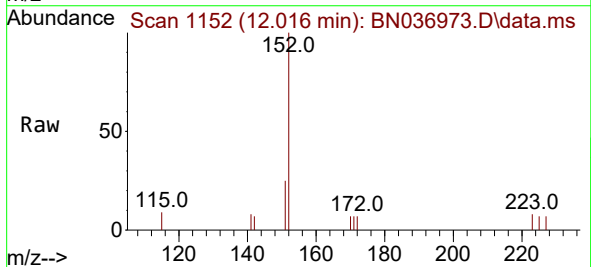
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ClientSampleId :
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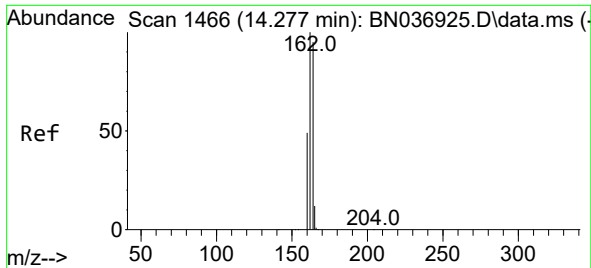
Tgt Ion: 82 Resp: 1245
Ion Ratio Lower Upper
82 100
128 37.3 30.7 46.1
54 73.4 52.1 78.1



#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.016 min Scan# 1152
Delta R.T. 0.010 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:152 Resp: 1668
Ion Ratio Lower Upper
152 100
151 21.8 16.9 25.3

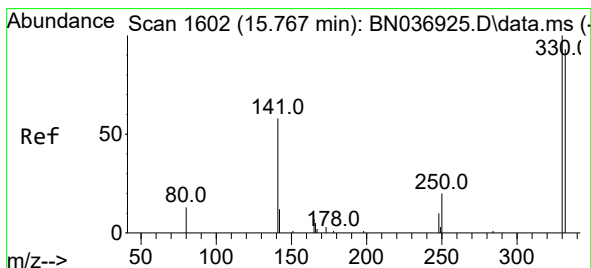
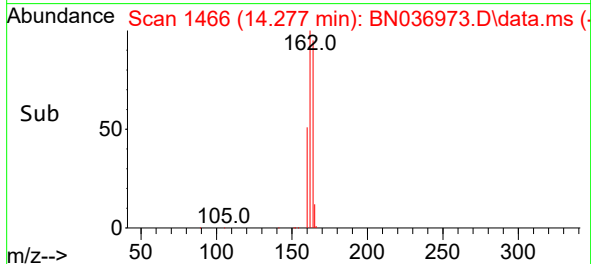
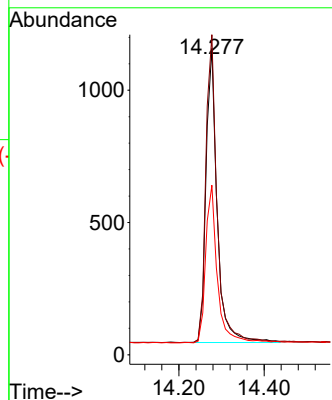
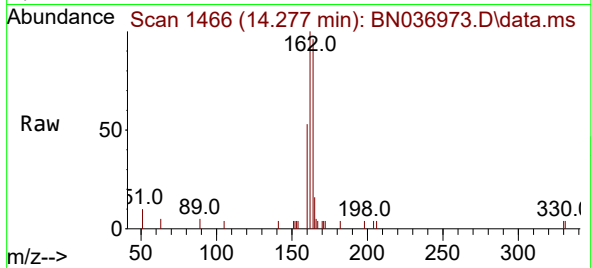




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

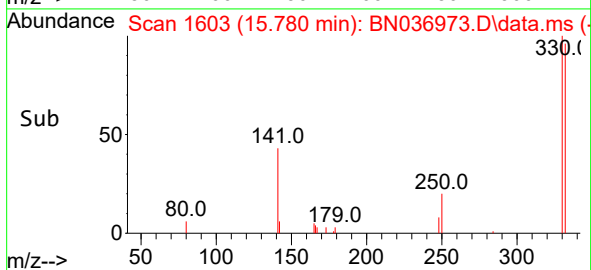
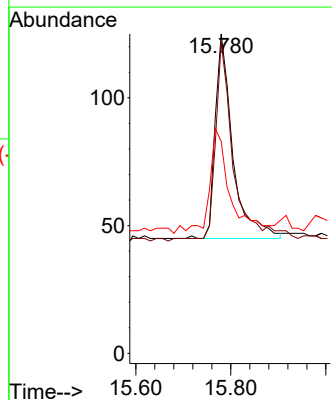
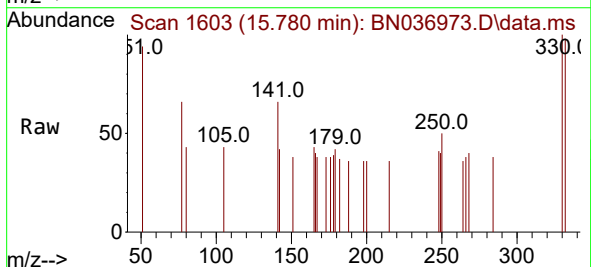
Instrument :
BNA_N
ClientSampleId :
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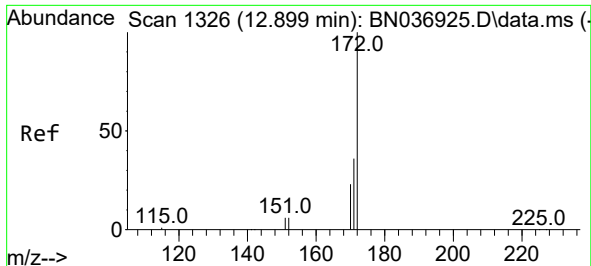
Tgt Ion:164 Resp: 2026
Ion Ratio Lower Upper
164 100
162 104.5 83.8 125.8
160 55.4 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.780 min Scan# 1603
Delta R.T. 0.012 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:330 Resp: 206
Ion Ratio Lower Upper
330 100
332 92.2 76.3 114.5
141 59.2 45.4 68.2

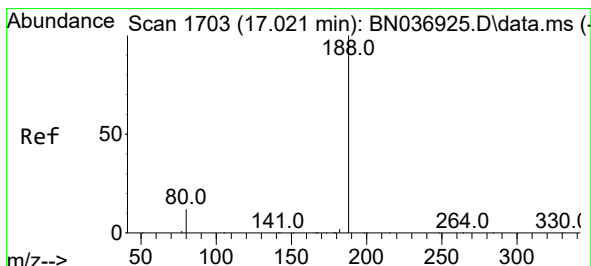
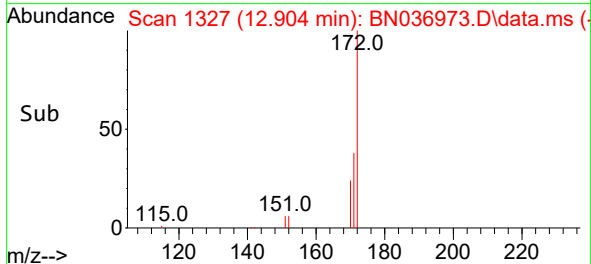
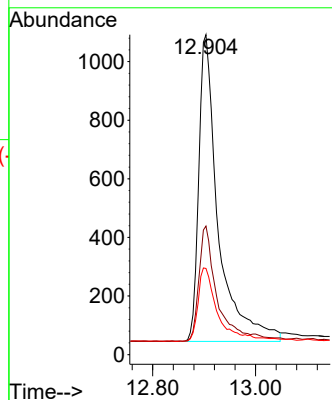
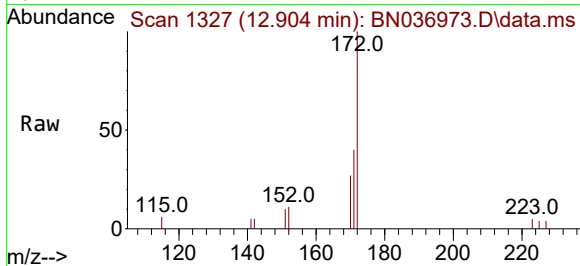




#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.904 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

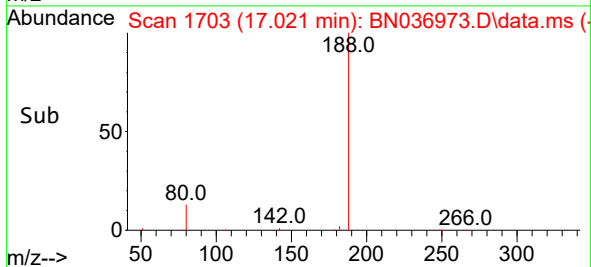
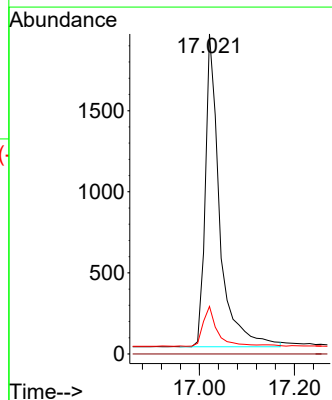
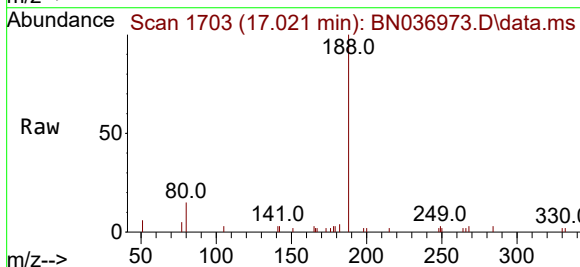
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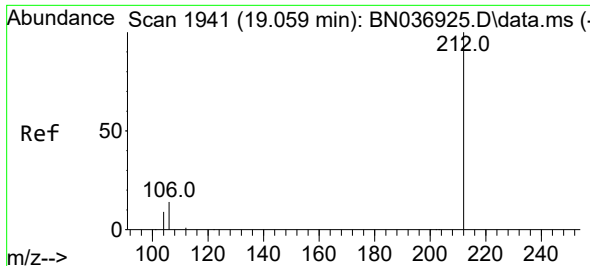
Tgt Ion:172 Resp: 3042
Ion Ratio Lower Upper
172 100
171 40.2 29.4 44.0
170 26.9 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:188 Resp: 4065
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 10.7 16.1

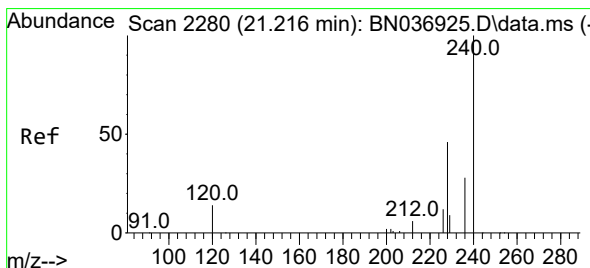
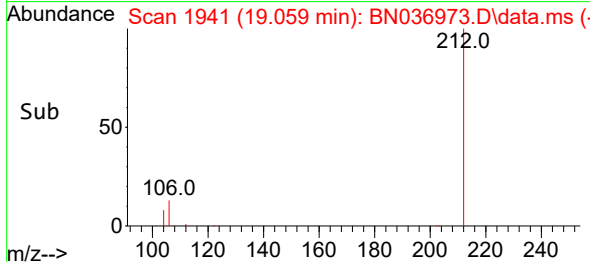
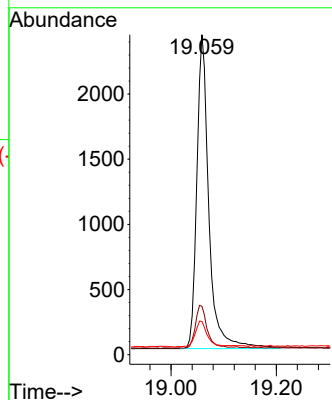
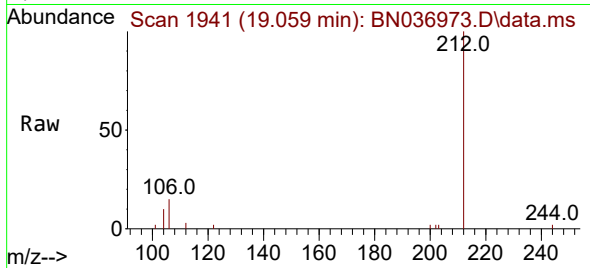




#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

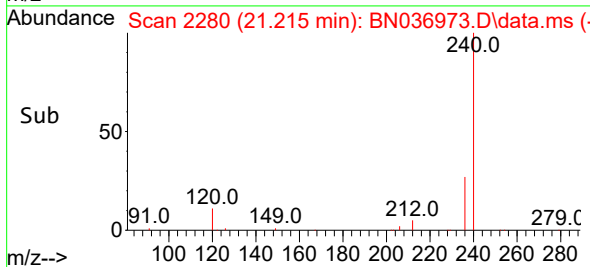
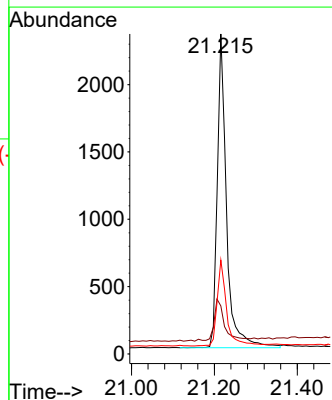
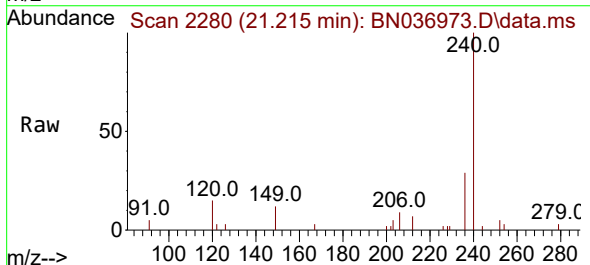
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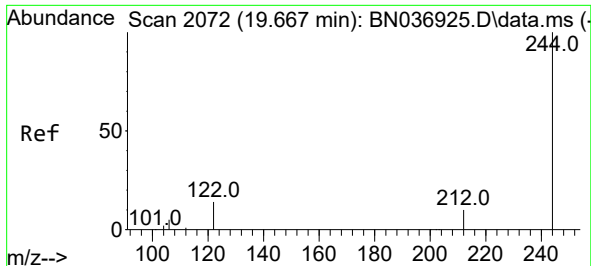
Tgt Ion:212 Resp: 3843
Ion Ratio Lower Upper
212 100
106 13.2 11.6 17.4
104 8.4 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

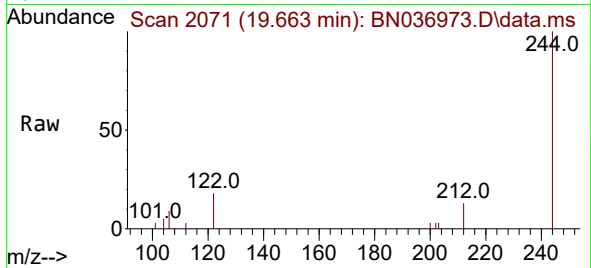
Tgt Ion:240 Resp: 3603
Ion Ratio Lower Upper
240 100
120 15.0 14.1 21.1
236 29.4 23.8 35.8



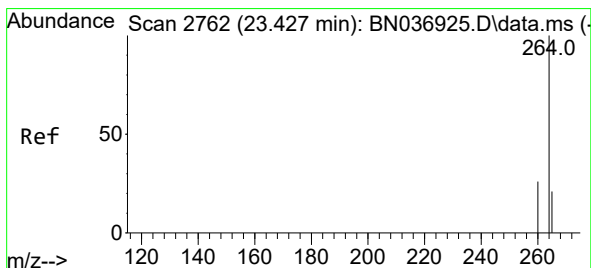
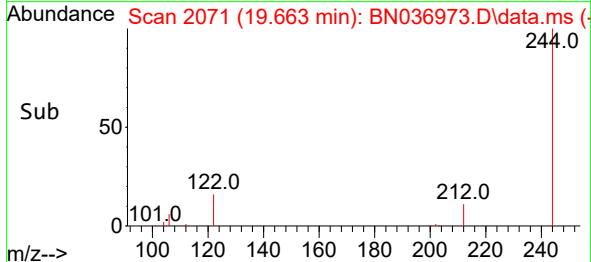
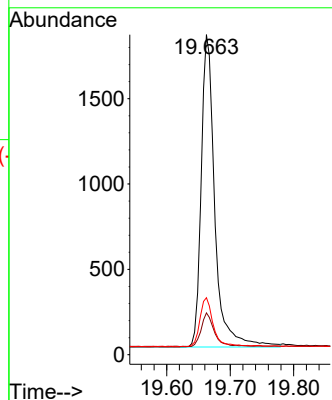


#31
 Terphenyl-d14
 Concen: 0.321 ng
 RT: 19.663 min Scan# 2071
 Delta R.T. -0.005 min
 Lab File: BN036973.D
 Acq: 08 May 2025 15:04

Instrument :
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Tgt Ion:244 Resp: 2733
 Ion Ratio Lower Upper
 244 100
 212 13.1 9.6 14.4
 122 17.8 12.7 19.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.421 min Scan# 2760
 Delta R.T. -0.006 min
 Lab File: BN036973.D
 Acq: 08 May 2025 15:04

Tgt Ion:264 Resp: 3531
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.2 33.2
 265 72.3 65.8 98.6

