

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
 Data File : BN037665.D
 Acq On : 04 Sep 2025 19:38
 Operator : RC/JU
 Sample : PB169421BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169421BL

Quant Time: Sep 05 02:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 04 18:19:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	3052	0.400	ng	0.00
7) Naphthalene-d8	10.488	136	6876	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	2920	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	4860	0.400	ng	0.00
29) Chrysene-d12	21.259	240	3882	0.400	ng	0.00
35) Perylene-d12	23.496	264	3882	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2423	0.325	ng	0.00
5) Phenol-d6	6.872	99	2666	0.298	ng	0.00
8) Nitrobenzene-d5	8.843	82	1878	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.081	152	3007	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.820	330	254	0.161	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	6103	0.374	ng	0.00
27) Fluoranthene-d10	19.109	212	3904	0.322	ng	0.00
31) Terphenyl-d14	19.713	244	2856	0.373	ng	0.00

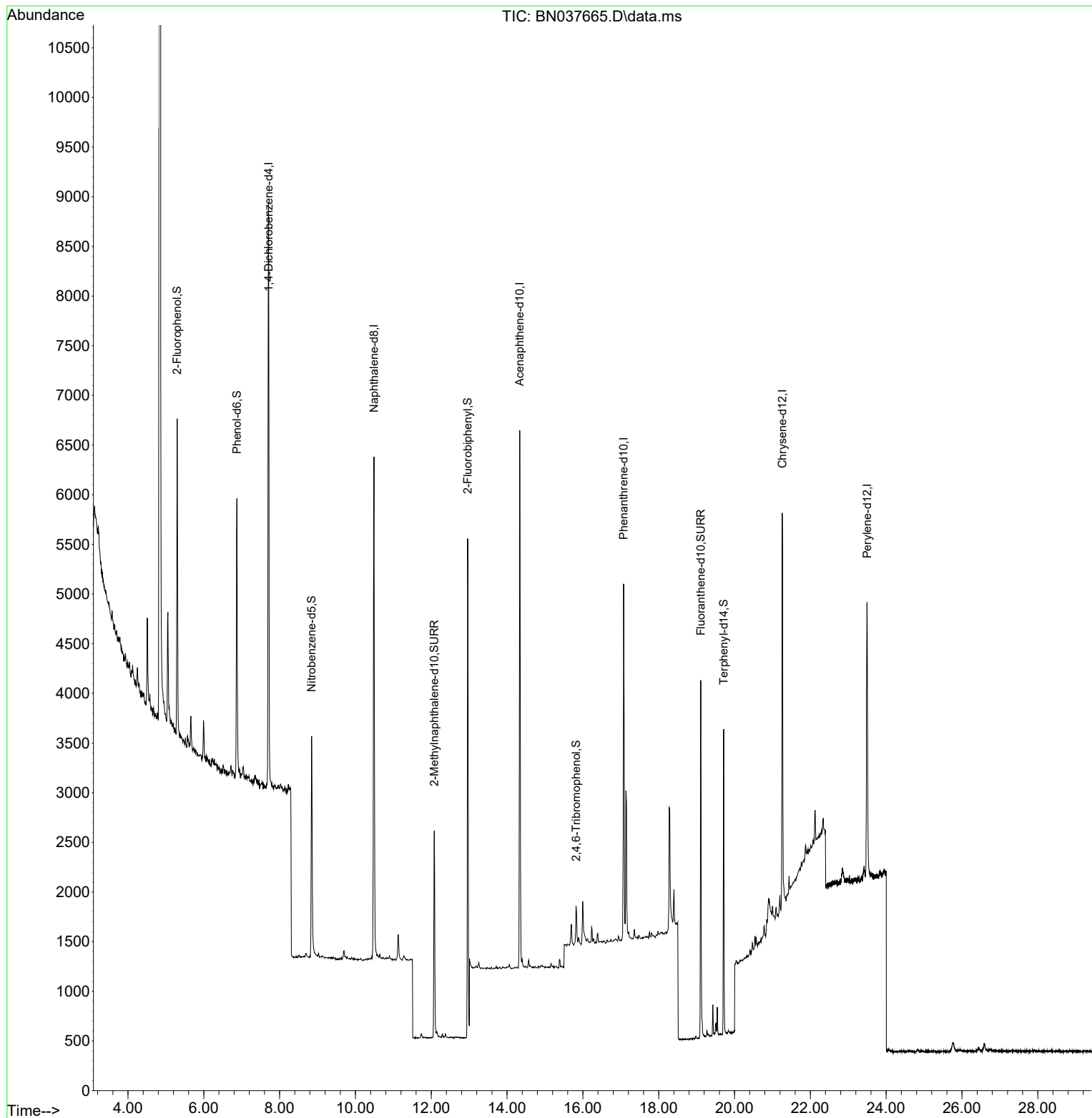
Target Compounds Qvalue

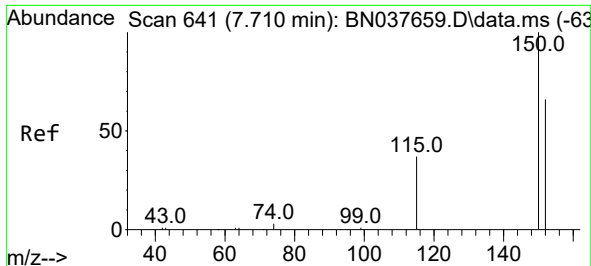
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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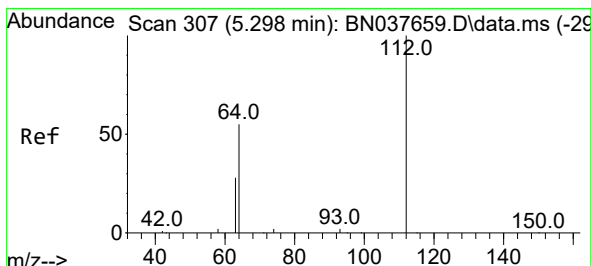
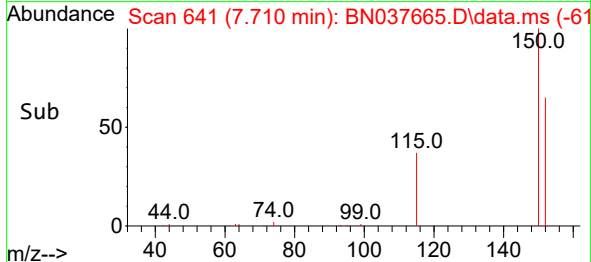
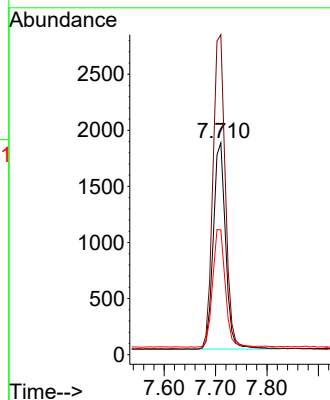
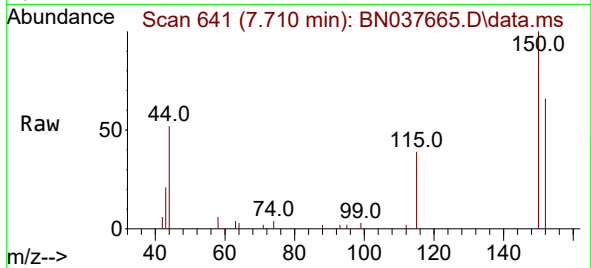




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 641
 Delta R.T. 0.000 min
 Lab File: BN037665.D
 Acq: 04 Sep 2025 19:38

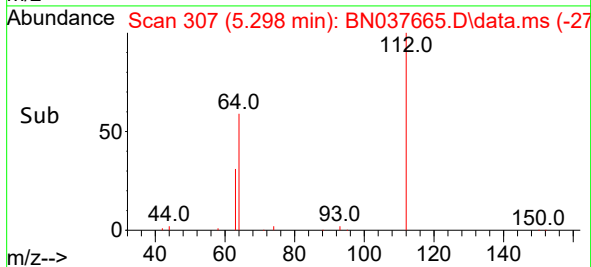
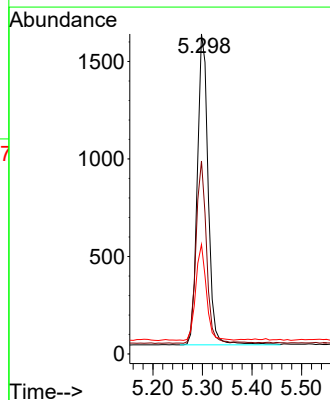
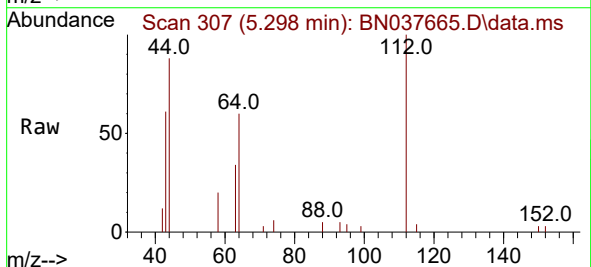
Instrument :
 BNA_N
 ClientSampleId :
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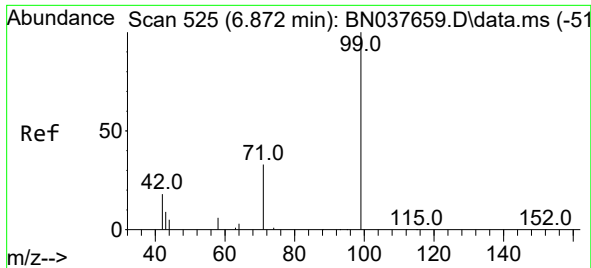
Tgt Ion:152 Resp: 3052
 Ion Ratio Lower Upper
 152 100
 150 151.1 119.9 179.9
 115 59.0 46.8 70.2



#4
 2-Fluorophenol
 Concen: 0.325 ng
 RT: 5.298 min Scan# 307
 Delta R.T. 0.000 min
 Lab File: BN037665.D
 Acq: 04 Sep 2025 19:38

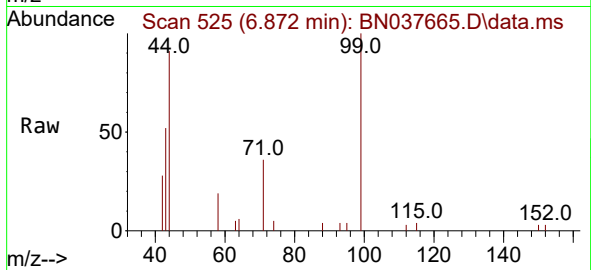
Tgt Ion:112 Resp: 2423
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.8 68.6
 63 29.7 24.2 36.4



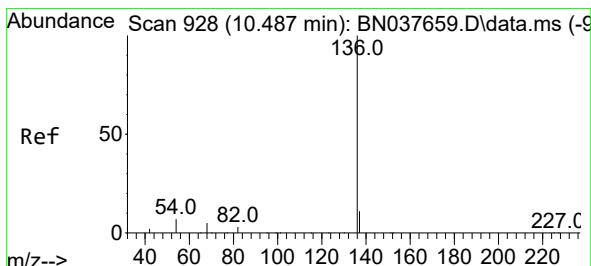
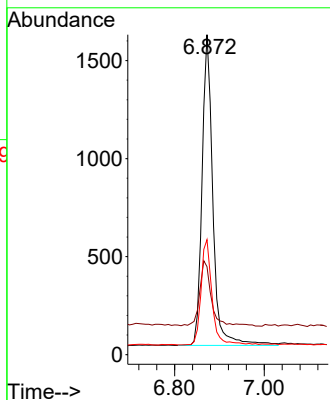
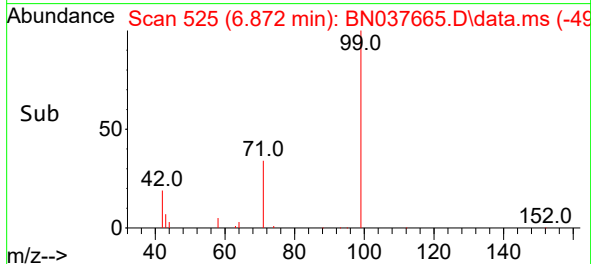


#5
Phenol-d6
Concen: 0.298 ng
RT: 6.872 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

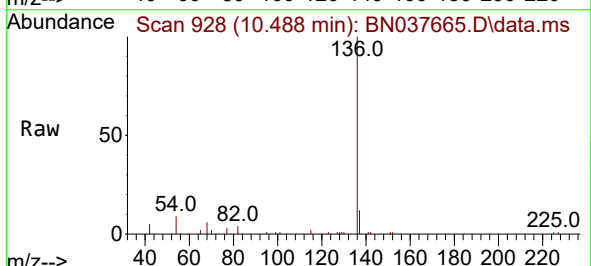
Instrument :
BNA_N
ClientSampleId :
PB169421BL



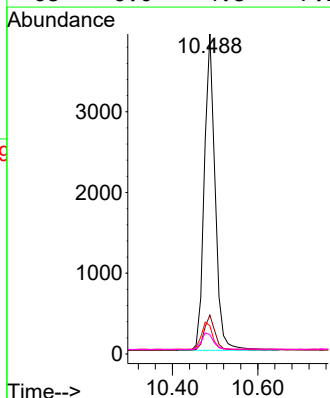
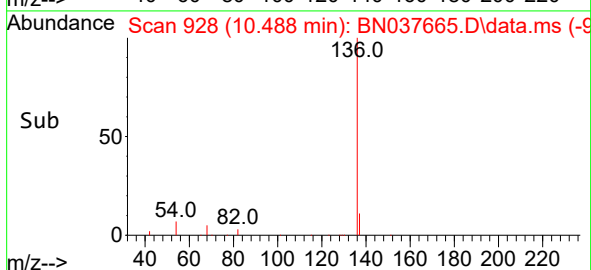
Tgt Ion:	99	Resp:	2666
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.7	26.5
71	34.2	27.5	41.3

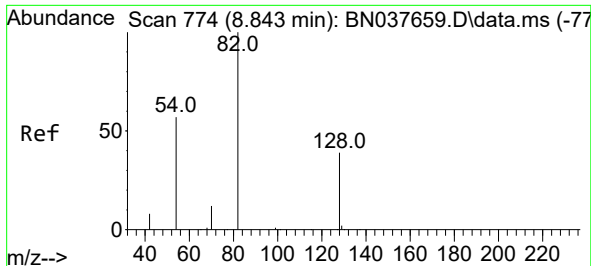


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38



Tgt Ion:	136	Resp:	6876
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.0
54	8.8	6.3	9.5
68	6.0	4.8	7.2

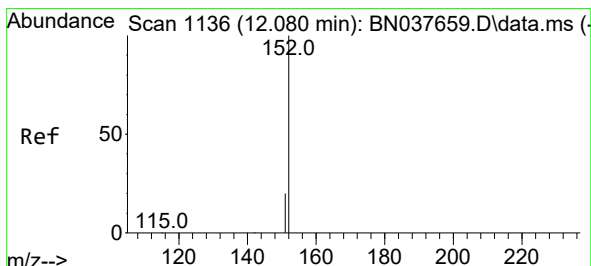
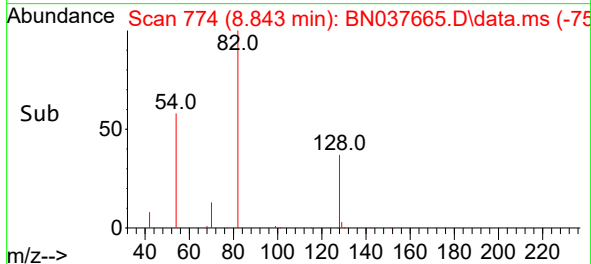
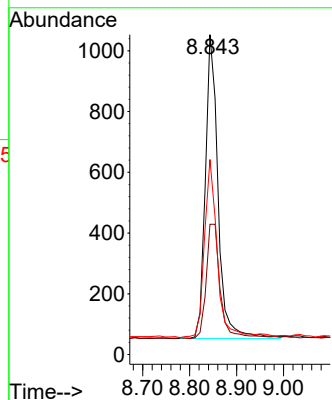
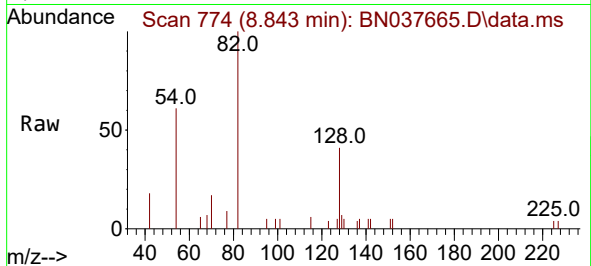




#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.843 min Scan# 774
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

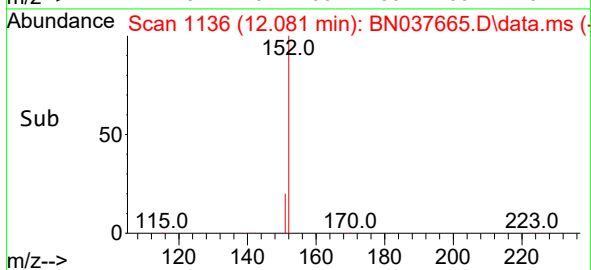
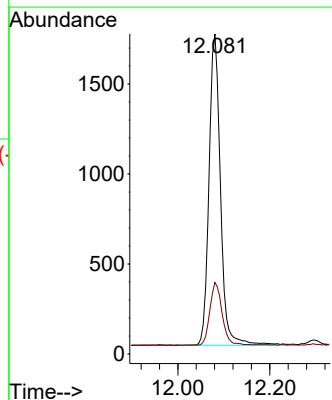
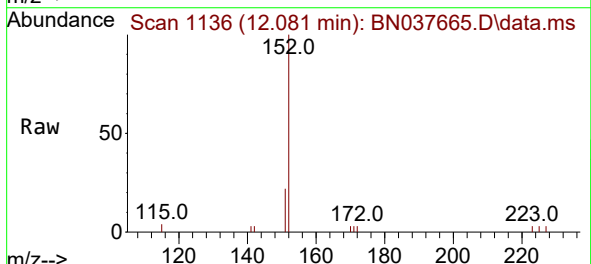
Instrument :
BNA_N
ClientSampleId :
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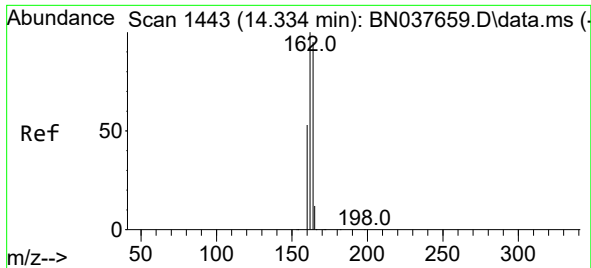
Tgt Ion: 82 Resp: 1878
Ion Ratio Lower Upper
82 100
128 40.7 33.0 49.6
54 61.0 47.9 71.9



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.081 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion: 152 Resp: 3007
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9

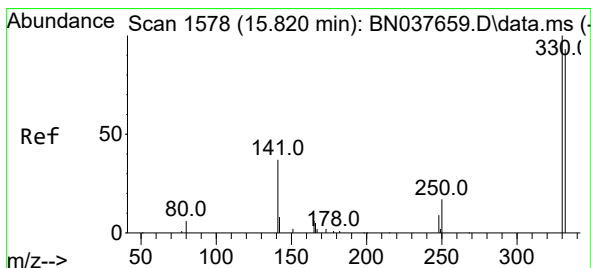
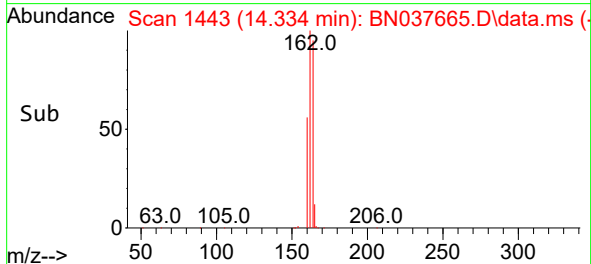
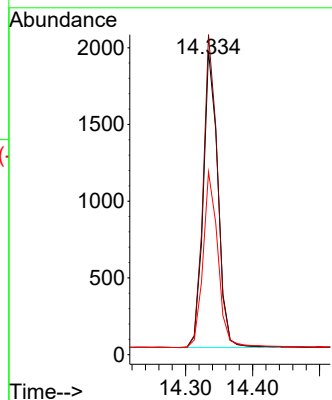
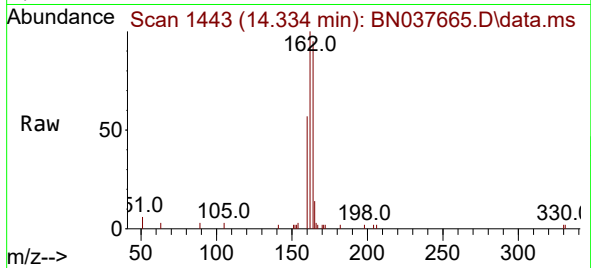




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

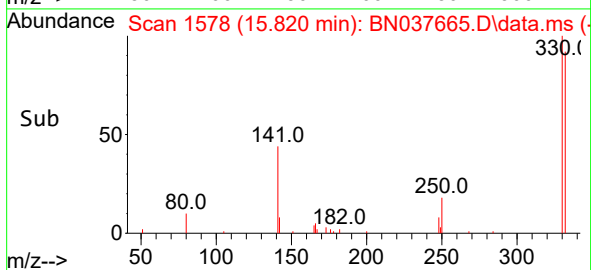
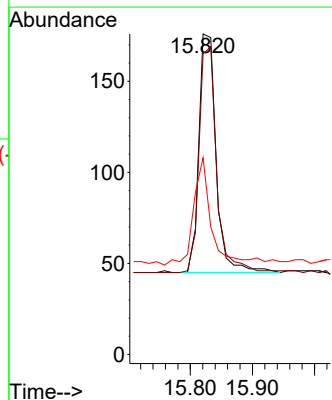
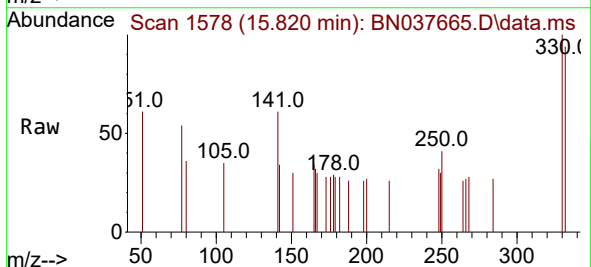
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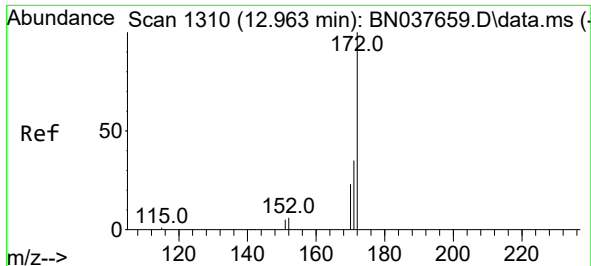
Tgt Ion:164 Resp: 2920
Ion Ratio Lower Upper
164 100
162 105.4 84.6 126.8
160 60.1 45.6 68.4



#14
2,4,6-Tribromophenol
Concen: 0.161 ng
RT: 15.820 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:330 Resp: 254
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 48.4 31.4 47.2#

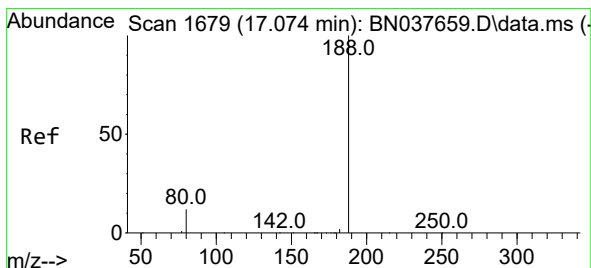
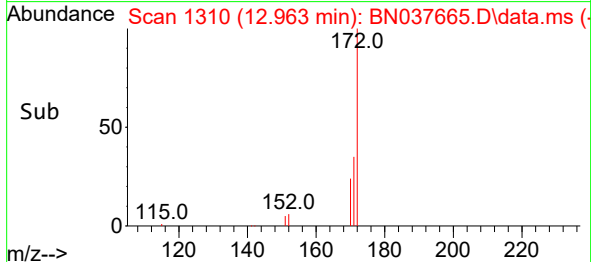
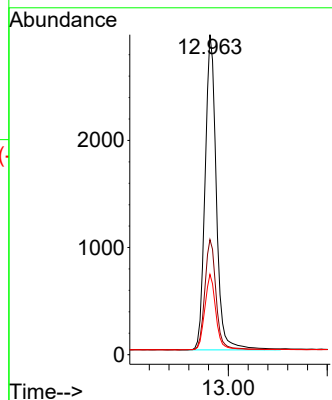
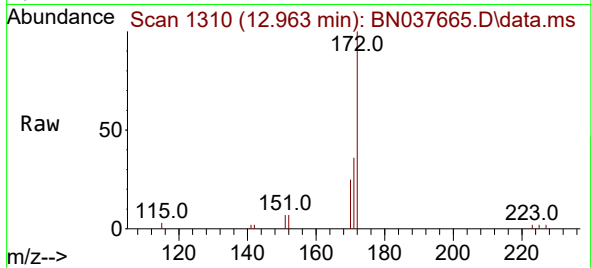




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

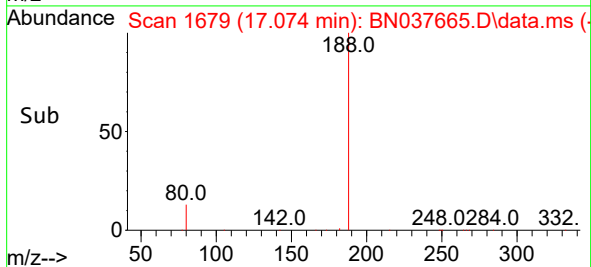
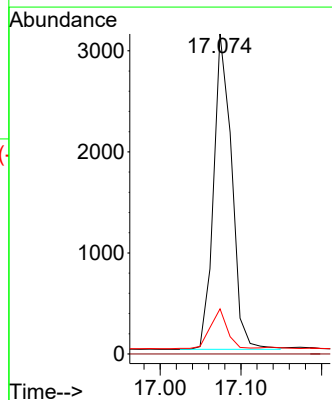
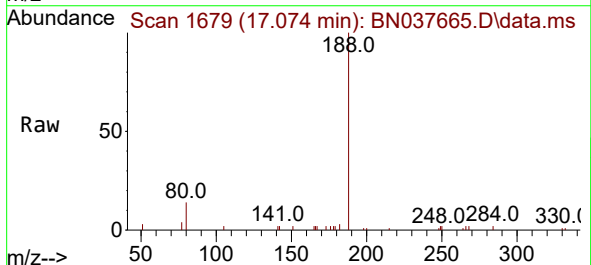
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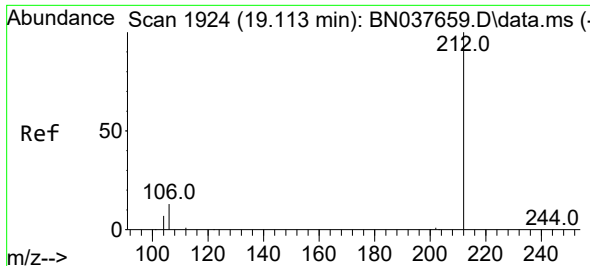
Tgt Ion:172 Resp: 6103
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 25.1 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:188 Resp: 4860
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 10.8 16.2

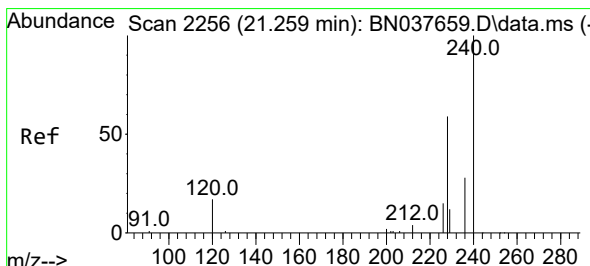
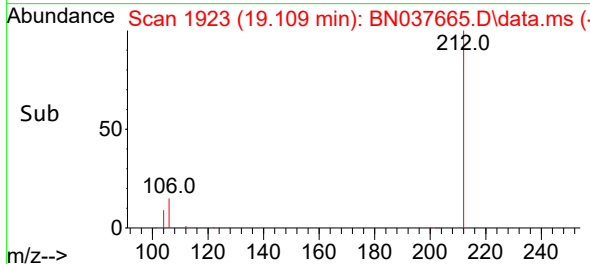
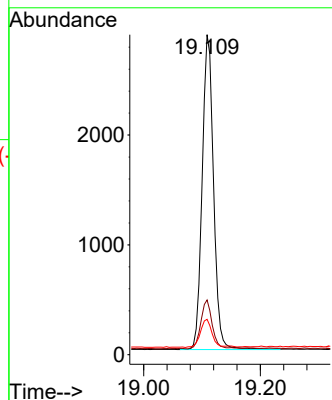
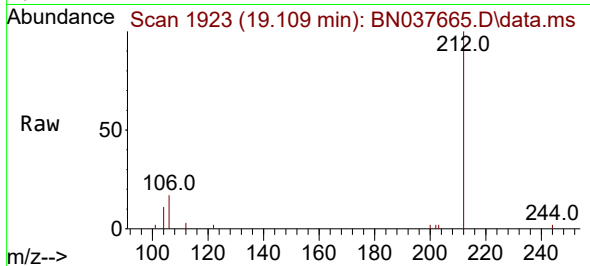




#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.109 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

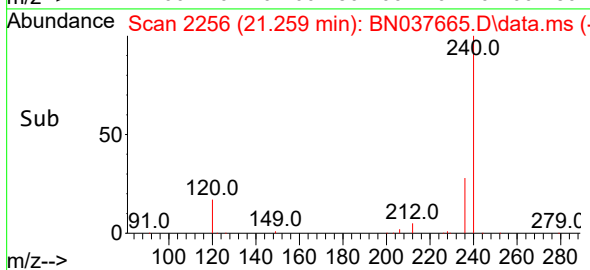
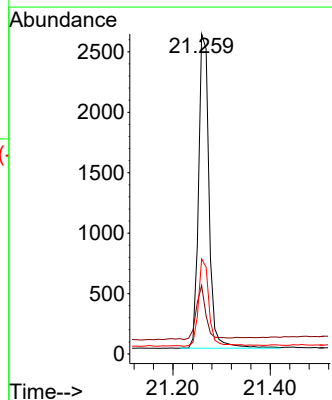
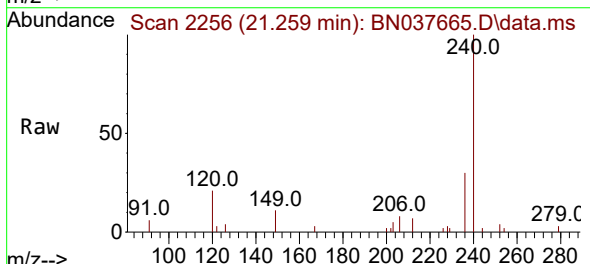
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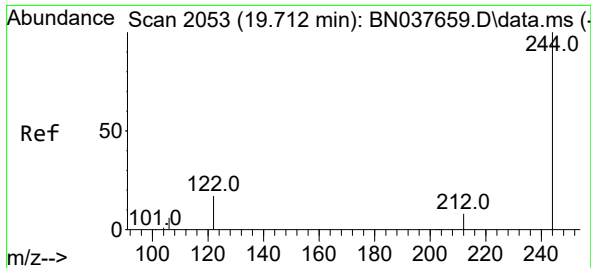
Tgt Ion:212 Resp: 3904
Ion Ratio Lower Upper
212 100
106 15.7 12.0 18.0
104 9.0 6.8 10.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:240 Resp: 3882
Ion Ratio Lower Upper
240 100
120 21.4 15.9 23.9
236 29.7 23.3 34.9

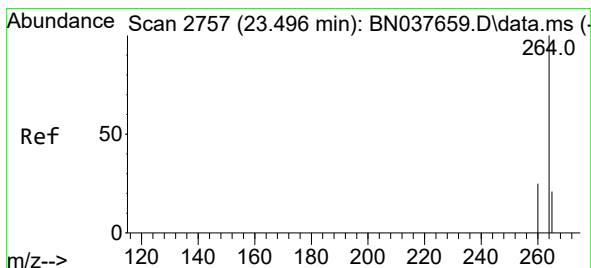
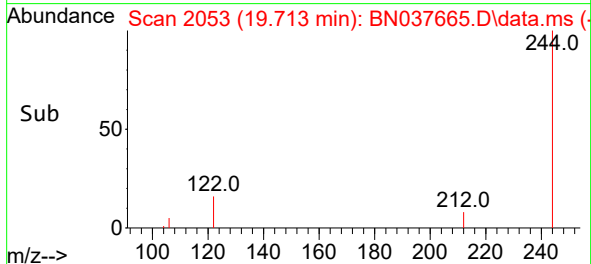
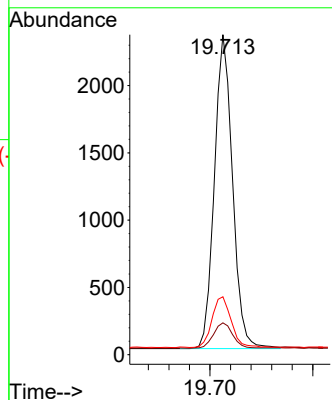
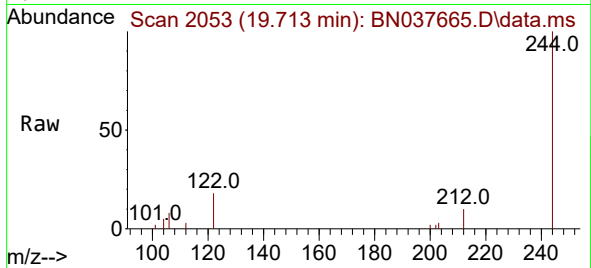




#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.713 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Instrument :
BNA_N
ClientSampleId :
PB169421BL

Tgt Ion:244 Resp: 2856
Ion Ratio Lower Upper
244 100
212 10.0 7.8 11.6
122 18.1 14.9 22.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BN037665.D
Acq: 04 Sep 2025 19:38

Tgt Ion:264 Resp: 3882
Ion Ratio Lower Upper
264 100
260 27.5 21.0 31.4
265 87.1 53.7 80.5#

