

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038070.D
 Acq On : 13 Oct 2025 16:12
 Operator : RC/JU
 Sample : PB170022BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170022BL

Quant Time: Oct 13 17:24:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	6807	0.400	ng	-0.03
7) Naphthalene-d8	10.605	136	16619	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	7880	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	12265	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	8413	0.400	ng	# 0.00
35) Perylene-d12	23.715	264	7507	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	5160	0.332	ng	-0.01
5) Phenol-d6	6.959	99	5208	0.255	ng	-0.01
8) Nitrobenzene-d5	8.950	82	4655	0.367	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	7410	0.321	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	518	0.173	ng	-0.01
15) 2-Fluorobiphenyl	13.073	172	12302	0.381	ng	-0.02
27) Fluoranthene-d10	19.239	212	10813	0.350	ng	-0.01
31) Terphenyl-d14	19.838	244	8262	0.493	ng	-0.01

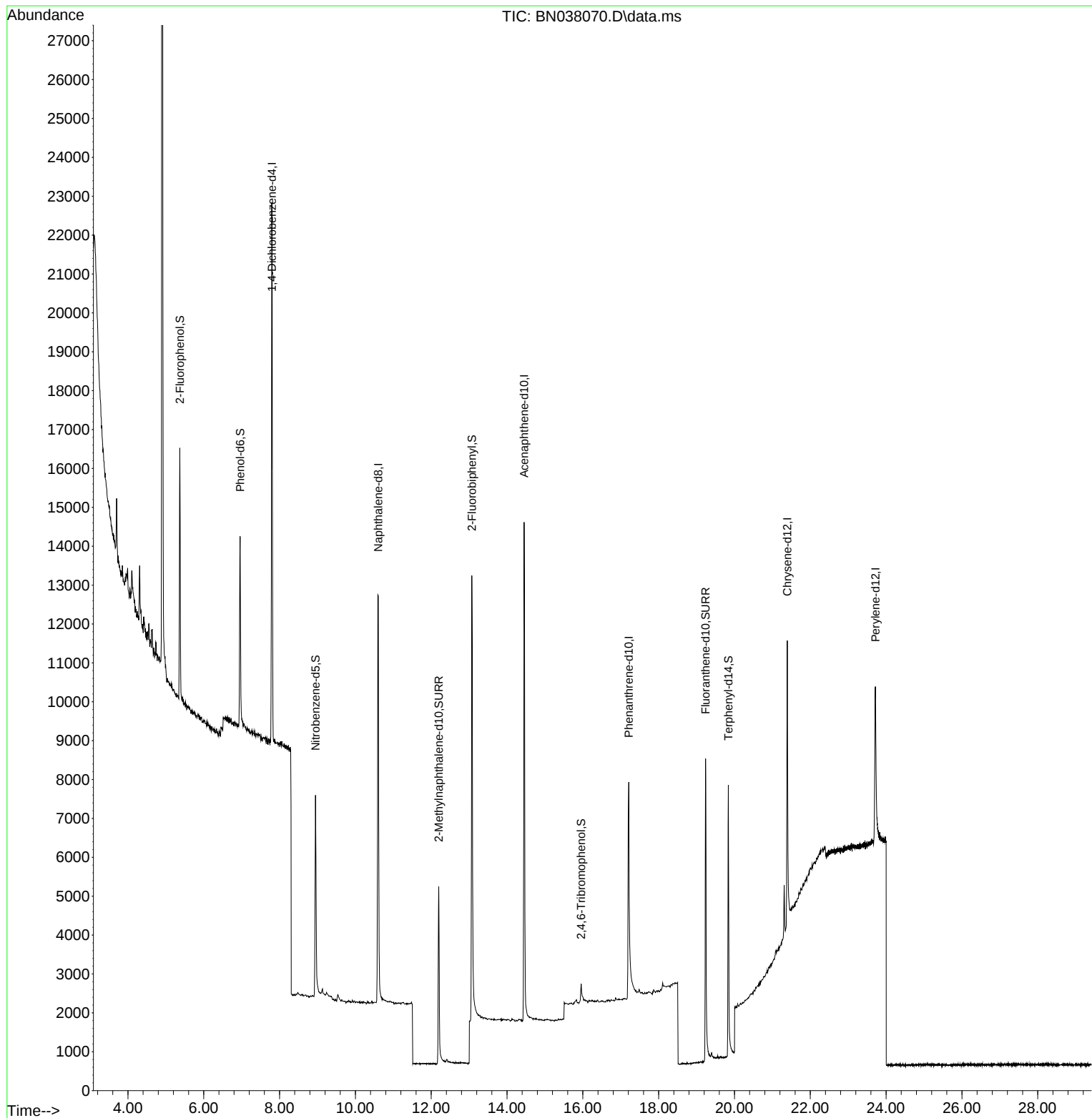
Target Compounds Qvalue

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

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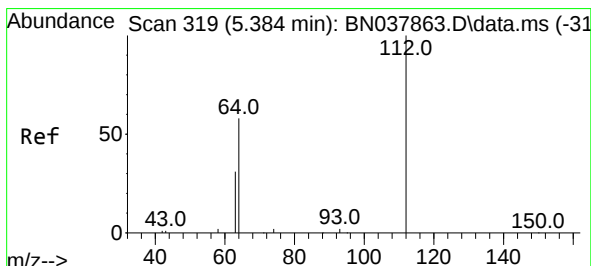
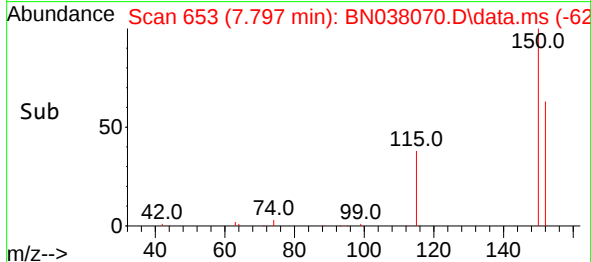
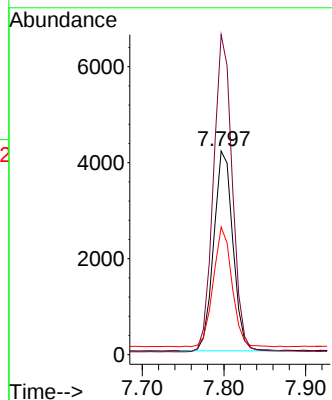
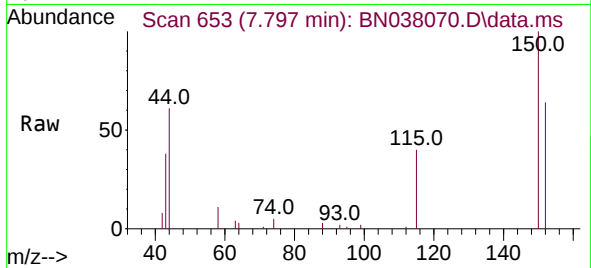




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN038070.D
 Acq: 13 Oct 2025 16:12

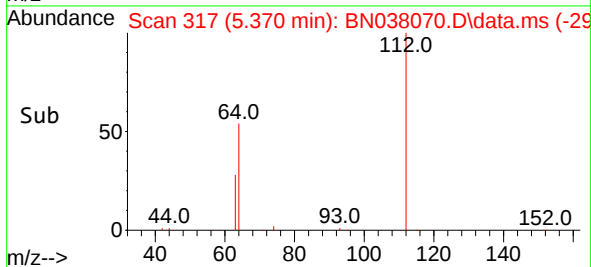
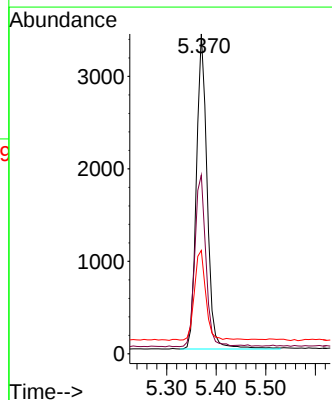
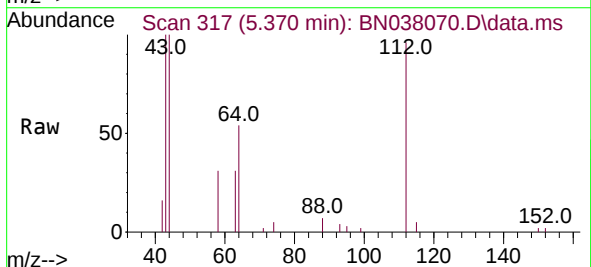
Instrument :
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 ClientSampleId :
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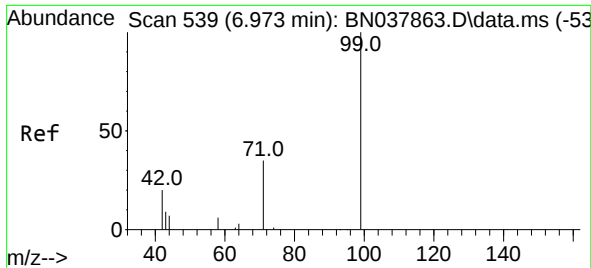
Tgt Ion:152 Resp: 6807
 Ion Ratio Lower Upper
 152 100
 150 157.2 121.0 181.4
 115 62.6 47.4 71.0



#4
 2-Fluorophenol
 Concen: 0.332 ng
 RT: 5.370 min Scan# 317
 Delta R.T. -0.015 min
 Lab File: BN038070.D
 Acq: 13 Oct 2025 16:12

Tgt Ion:112 Resp: 5160
 Ion Ratio Lower Upper
 112 100
 64 55.8 44.6 66.8
 63 30.0 24.9 37.3

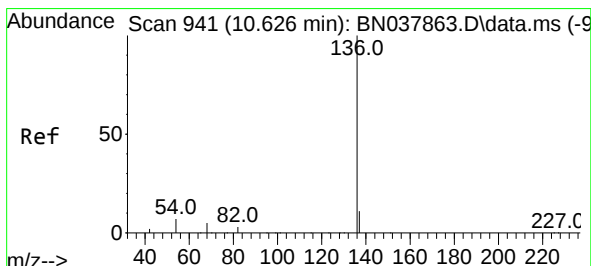
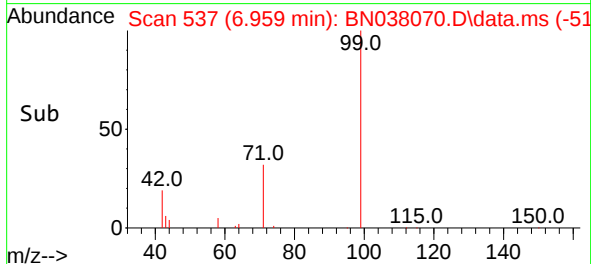
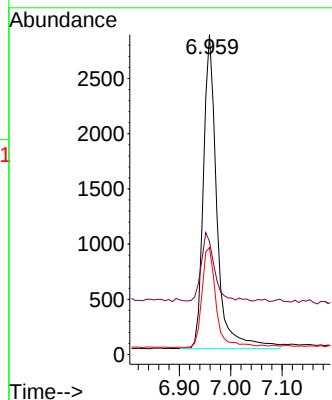
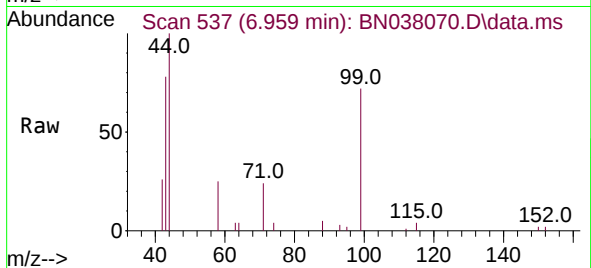




#5
Phenol-d6
Concen: 0.255 ng
RT: 6.959 min Scan# 531
Delta R.T. -0.015 min
Lab File: BN038070.D
Acq: 13 Oct 2025 16:12

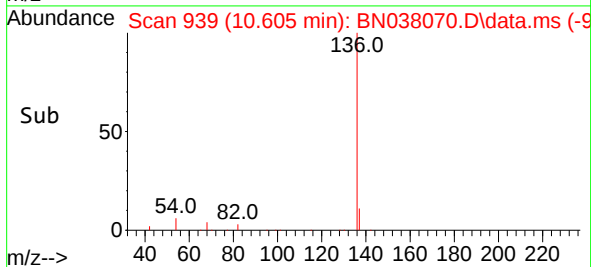
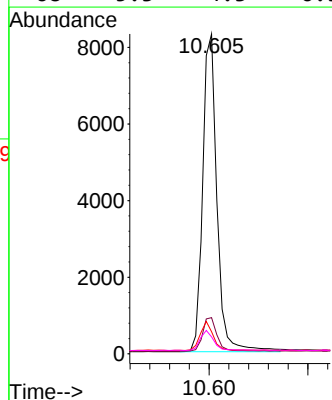
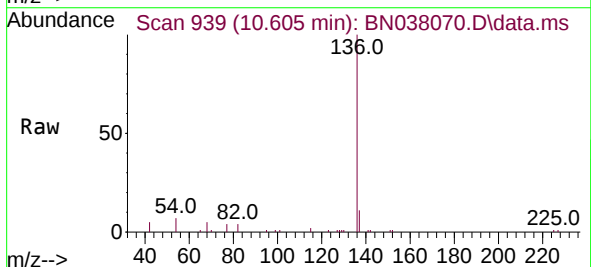
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ClientSampleId :
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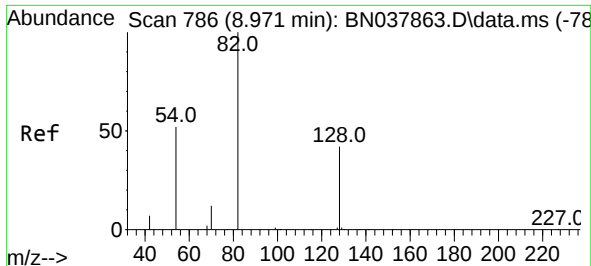
Tgt Ion:	99	Resp:	5208
Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.2	25.8
71	33.0	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038070.D
Acq: 13 Oct 2025 16:12

Tgt Ion:	136	Resp:	16619
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.9	5.8	8.8
68	5.3	4.3	6.5

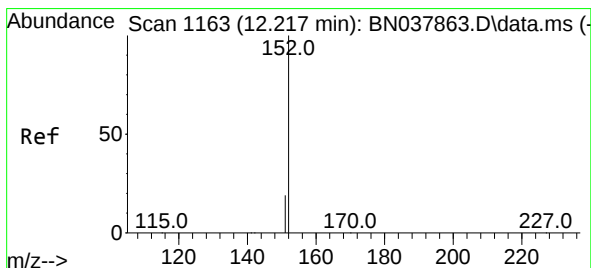
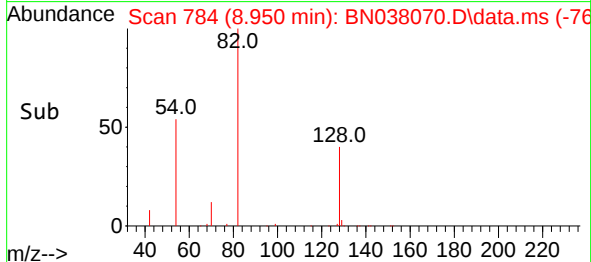
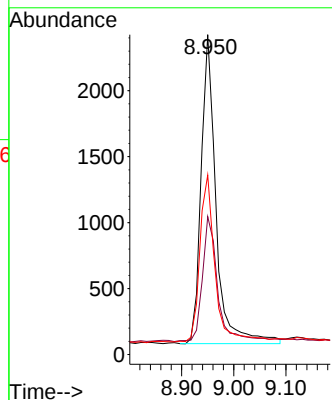
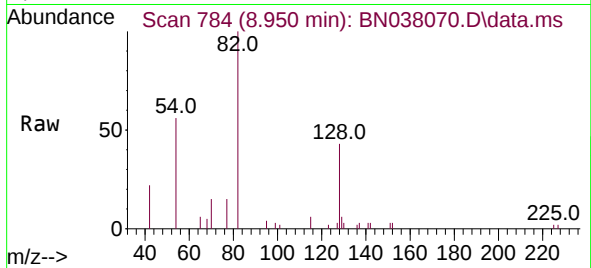




#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.950 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN038070.D
Acq: 13 Oct 2025 16:12

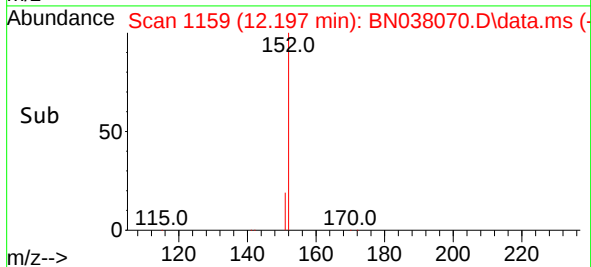
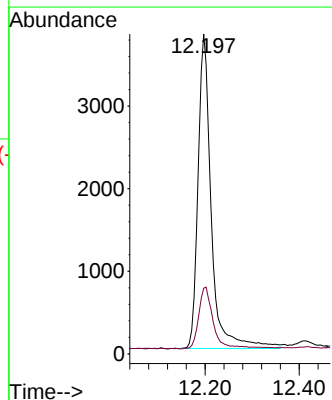
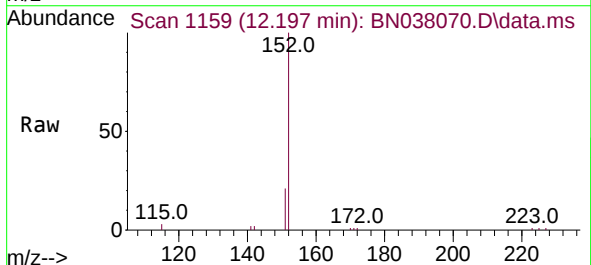
Instrument :
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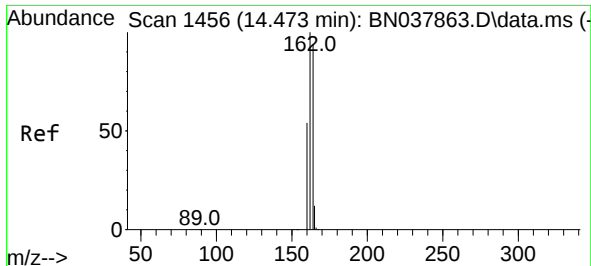
Tgt Ion: 82 Resp: 4655
Ion Ratio Lower Upper
82 100
128 43.1 34.8 52.2
54 56.1 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.020 min
Lab File: BN038070.D
Acq: 13 Oct 2025 16:12

Tgt Ion: 152 Resp: 7410
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2

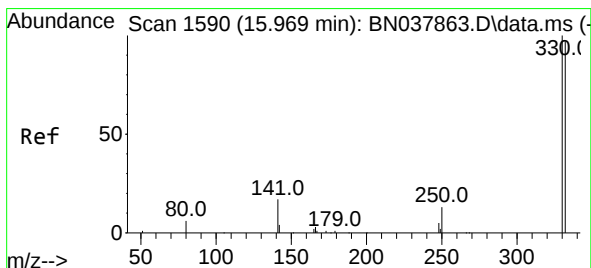
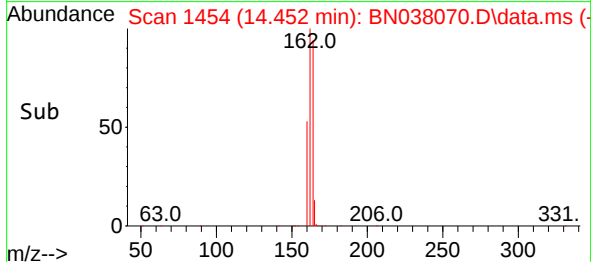
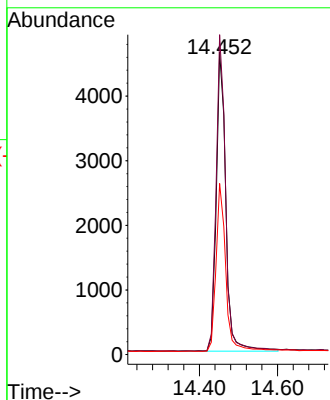
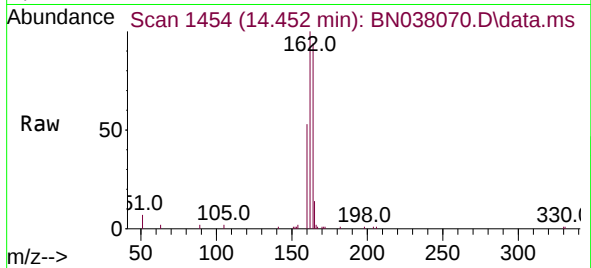




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.452 min Scan# 14
 Delta R.T. -0.021 min
 Lab File: BN038070.D
 Acq: 13 Oct 2025 16:12

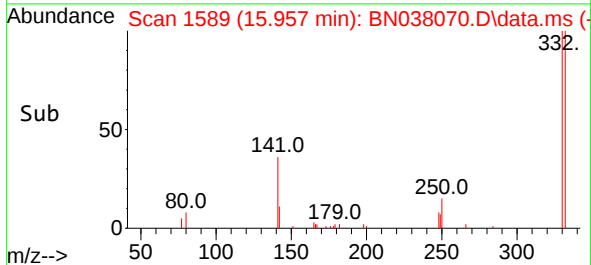
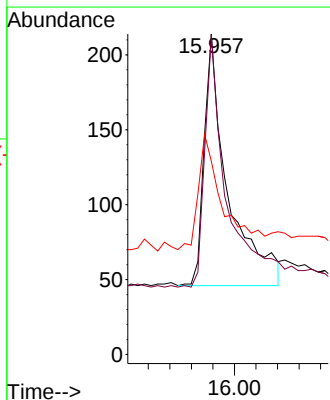
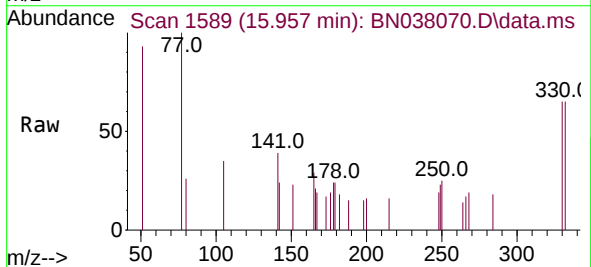
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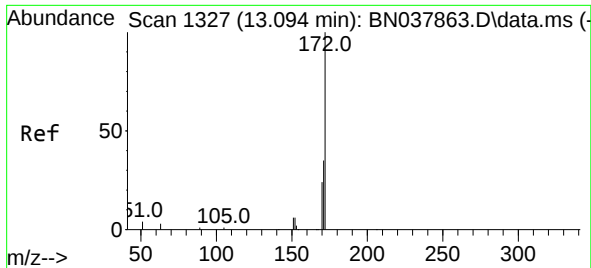
Tgt Ion:164 Resp: 7880
 Ion Ratio Lower Upper
 164 100
 162 105.9 84.8 127.2
 160 56.6 46.1 69.1



#14
 2,4,6-Tribromophenol
 Concen: 0.173 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN038070.D
 Acq: 13 Oct 2025 16:12

Tgt Ion:330 Resp: 518
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.2 115.8
 141 47.1 37.2 55.8

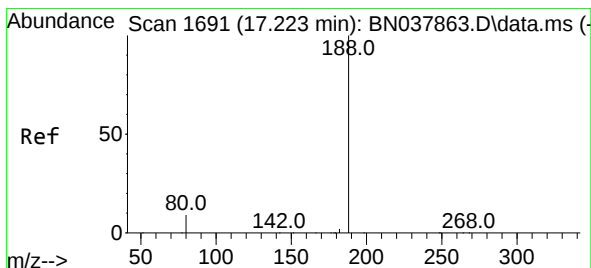
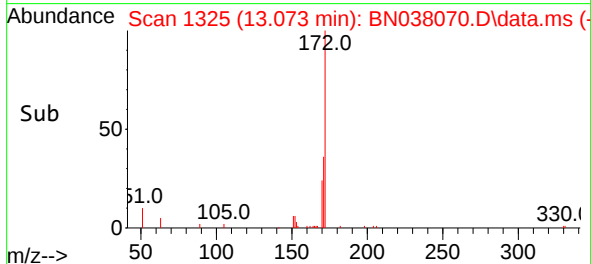
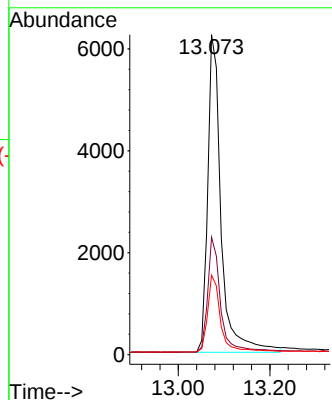
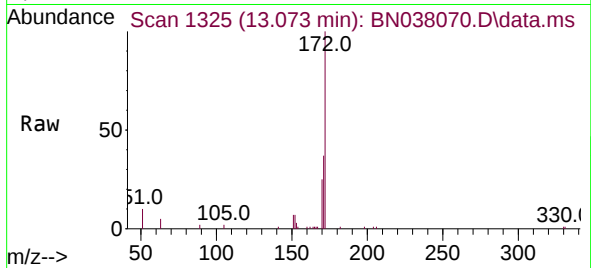




#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.073 min Scan# 1327
Delta R.T. -0.021 min
Lab File: BN038070.D
Acq: 13 Oct 2025 16:12

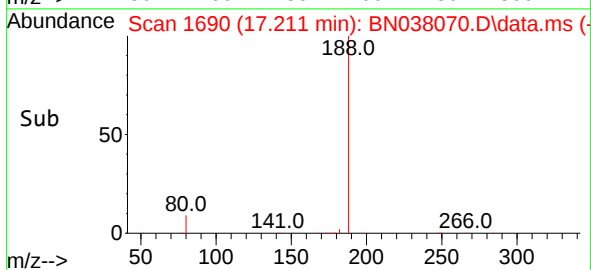
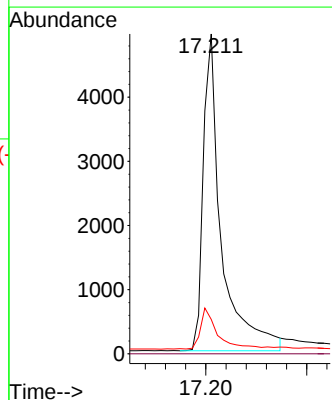
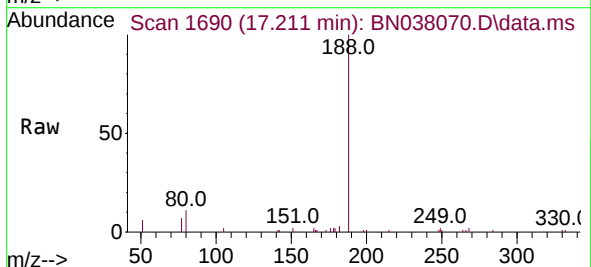
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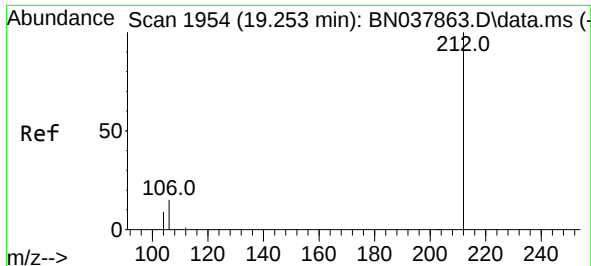
Tgt Ion:172 Resp: 12302
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038070.D
Acq: 13 Oct 2025 16:12

Tgt Ion:188 Resp: 12265
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 7.6 11.4

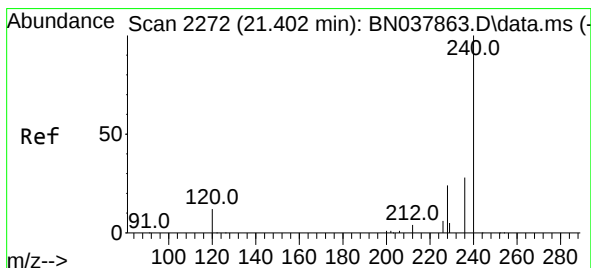
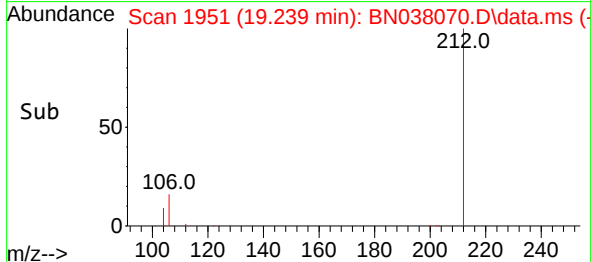
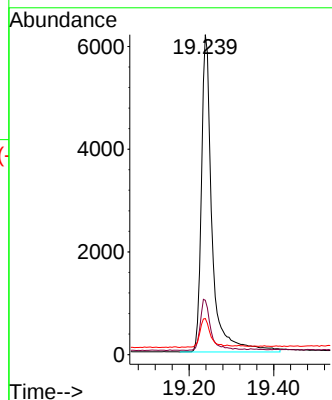
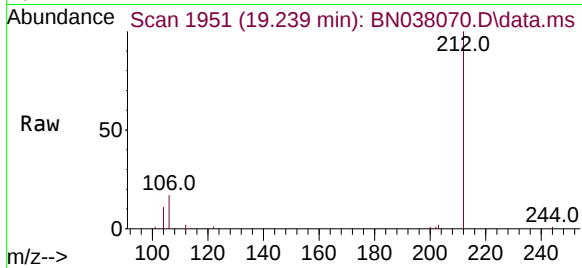




#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038070.D
Acq: 13 Oct 2025 16:12

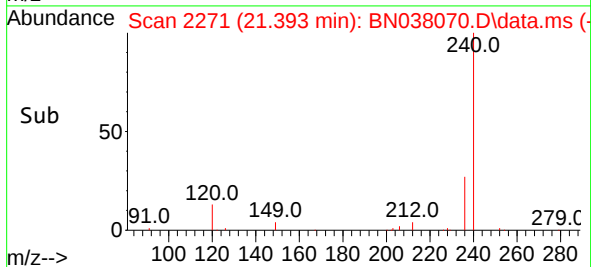
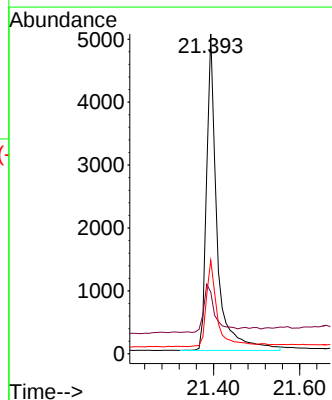
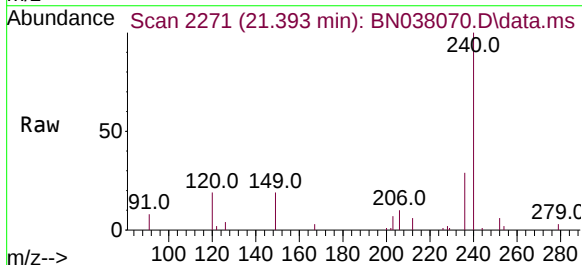
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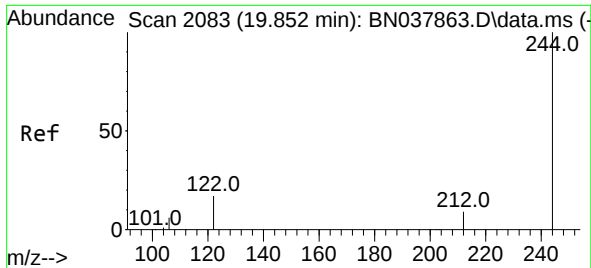
Tgt Ion:212 Resp: 10813
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.1 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038070.D
Acq: 13 Oct 2025 16:12

Tgt Ion:240 Resp: 8413
Ion Ratio Lower Upper
240 100
120 19.3 11.4 17.2#
236 29.2 23.0 34.6

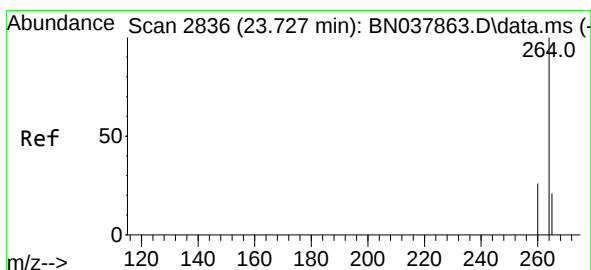
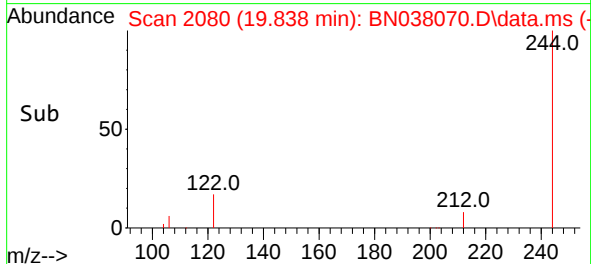
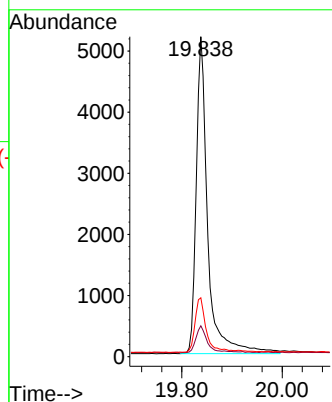
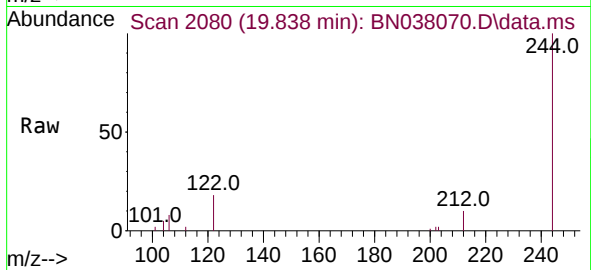




#31
 Terphenyl-d14
 Concen: 0.493 ng
 RT: 19.838 min Scan# 2083
 Delta R.T. -0.014 min
 Lab File: BN038070.D
 Acq: 13 Oct 2025 16:12

Instrument :
 BNA_N
 ClientSampleId :
 PB170022BL

Tgt Ion:244 Resp: 8262
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.6 11.4
 122 18.4 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.715 min Scan# 2832
 Delta R.T. -0.012 min
 Lab File: BN038070.D
 Acq: 13 Oct 2025 16:12

Tgt Ion:264 Resp: 7507
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.5 32.3
 265 166.5 53.8 80.6#

