

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
 Data File : BN036990.D
 Acq On : 12 May 2025 19:44
 Operator : RC/JU
 Sample : PB167888BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167888BL

Quant Time: May 13 04:53:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 12 18:05:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	1742	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	4147	0.400	ng	# 0.00
13) Acenaphthene-d10	14.267	164	2162	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4567	0.400	ng	# 0.01
29) Chrysene-d12	21.206	240	3963	0.400	ng	0.00
35) Perylene-d12	23.409	264	3827	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1663	0.370	ng	0.00
5) Phenol-d6	6.802	99	1833	0.337	ng	0.00
8) Nitrobenzene-d5	8.781	82	1467	0.336	ng	0.01
11) 2-Methylnaphthalene-d10	12.006	152	1962	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	258	0.260	ng	0.00
15) 2-Fluorobiphenyl	12.893	172	3718	0.368	ng	0.00
27) Fluoranthene-d10	19.054	212	4660	0.376	ng	0.00
31) Terphenyl-d14	19.658	244	3305	0.368	ng	0.00

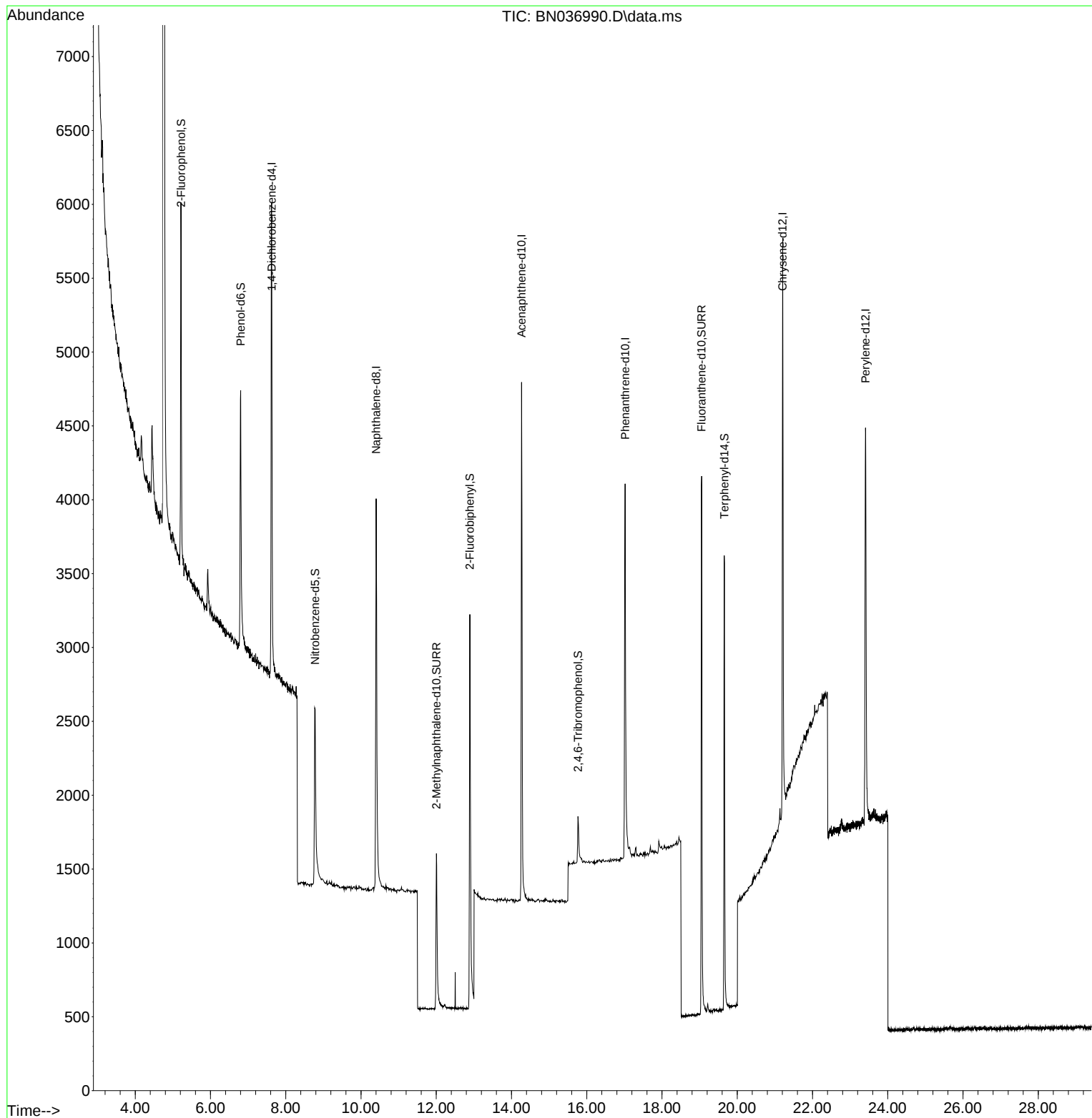
Target Compounds Qvalue

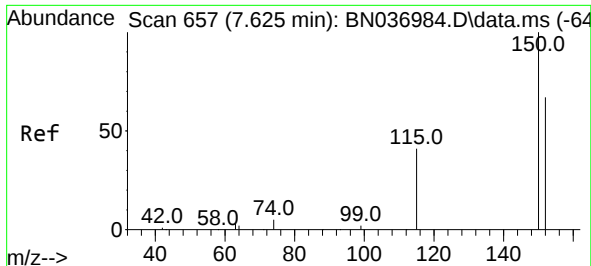
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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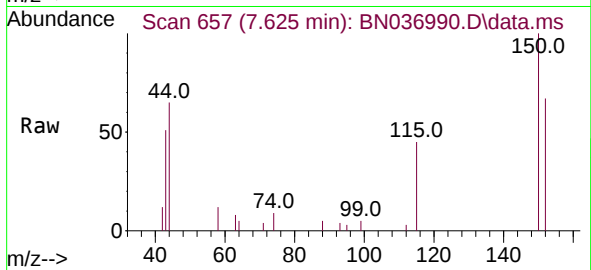
Quant Time: May 13 04:53:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
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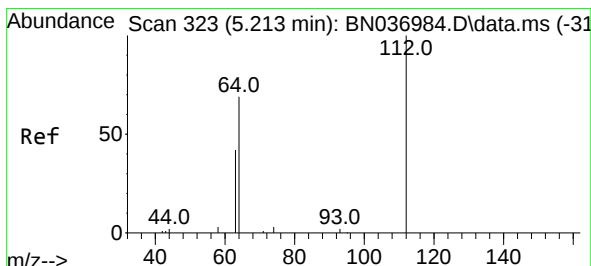
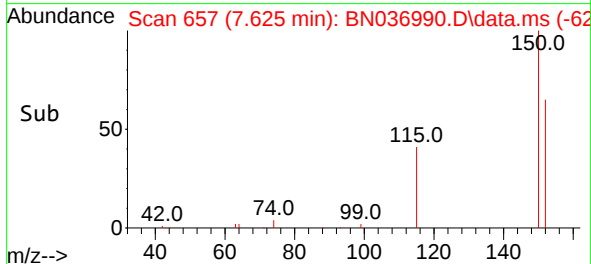
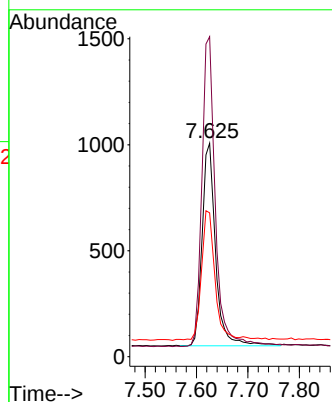


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.625 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Instrument :
BNA_N
ClientSampleId :
PB167888BL

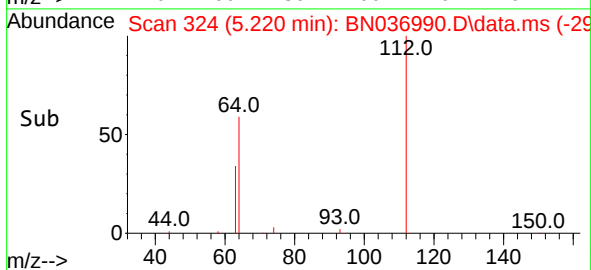
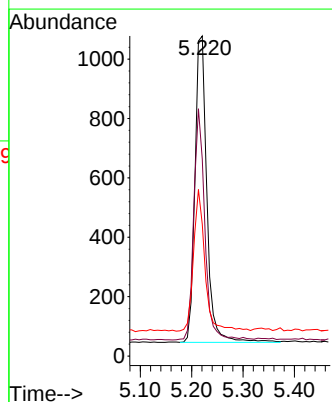
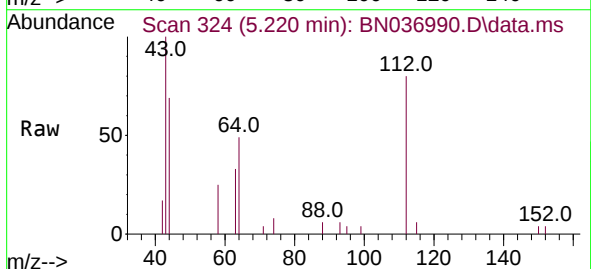


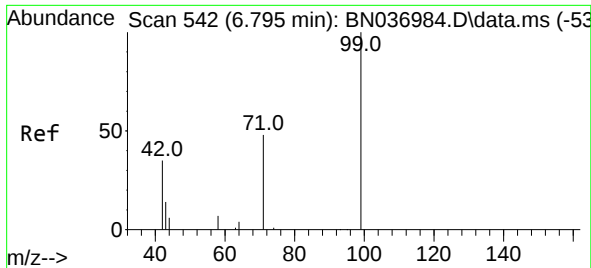
Tgt Ion:152 Resp: 1742
Ion Ratio Lower Upper
152 100
150 150.0 118.2 177.4
115 67.4 52.5 78.7



#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.220 min Scan# 324
Delta R.T. 0.007 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

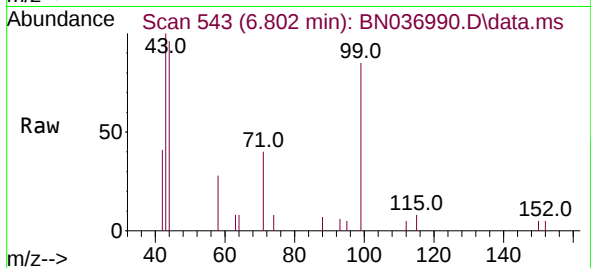
Tgt Ion:112 Resp: 1663
Ion Ratio Lower Upper
112 100
64 69.6 56.2 84.2
63 44.4 34.3 51.5



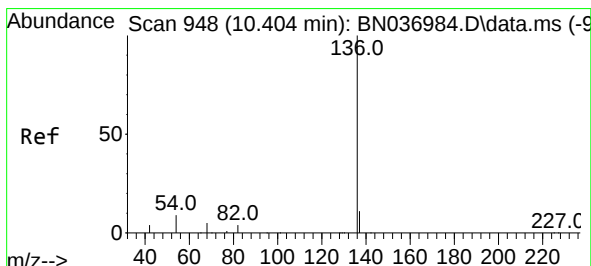
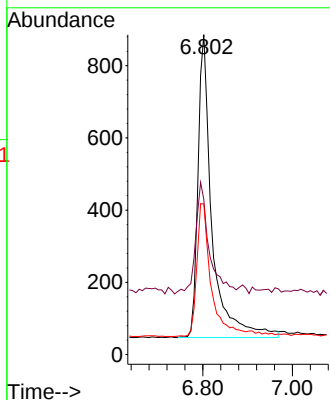
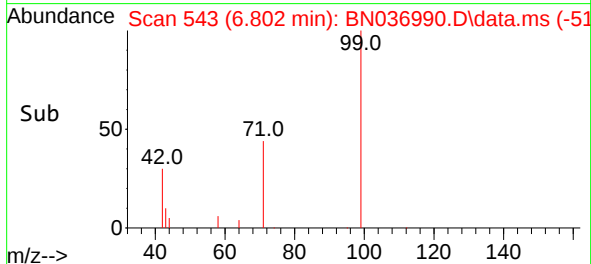


#5
Phenol-d6
Concen: 0.337 ng
RT: 6.802 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Instrument :
BNA_N
ClientSampleId :
PB167888BL

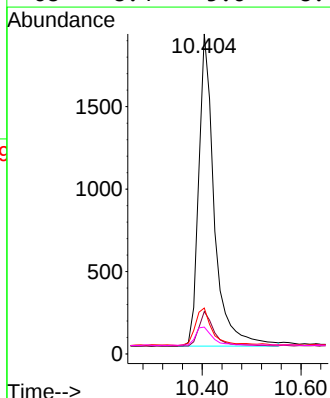
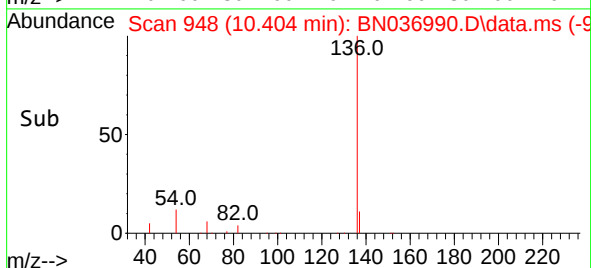
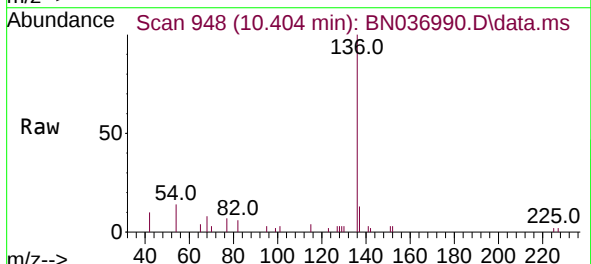


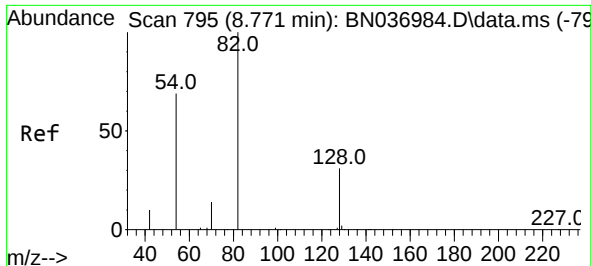
Tgt Ion:	99	Resp:	1833
Ion	Ratio	Lower	Upper
99	100		
42	35.6	29.0	43.6
71	46.2	36.2	54.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Tgt Ion:	136	Resp:	4147
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.3	15.5
54	14.4	9.2	13.8
68	8.4	5.6	8.4

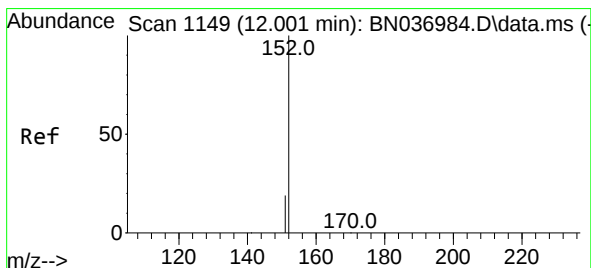
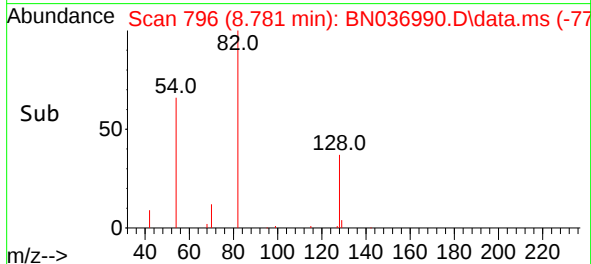
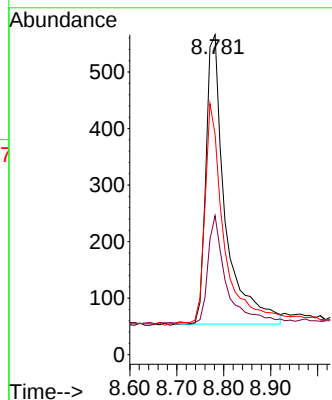
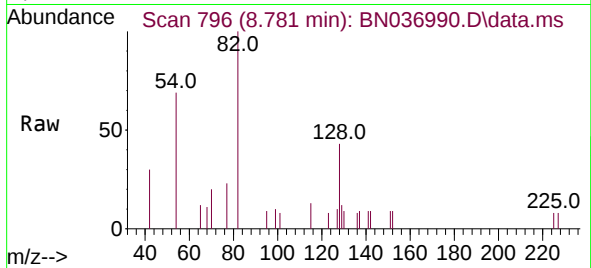




#8
 Nitrobenzene-d5
 Concen: 0.336 ng
 RT: 8.781 min Scan# 795
 Delta R.T. 0.011 min
 Lab File: BN036990.D
 Acq: 12 May 2025 19:44

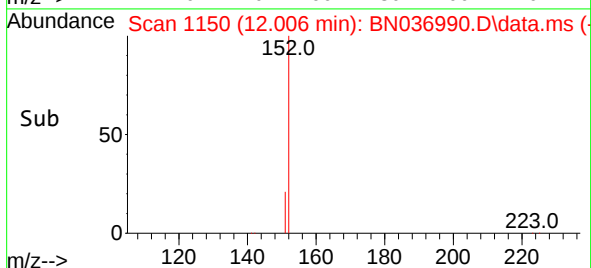
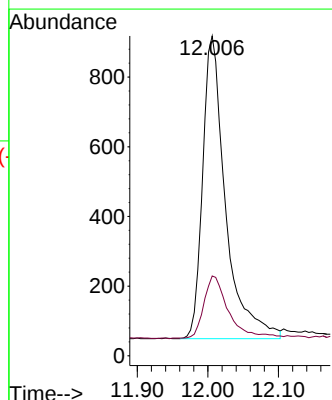
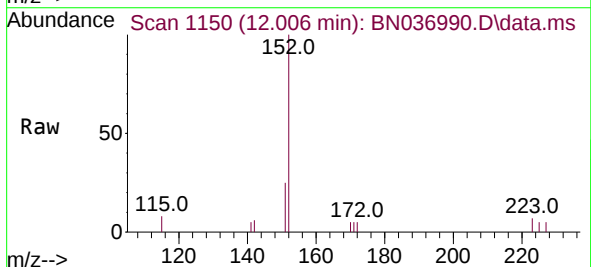
Instrument :
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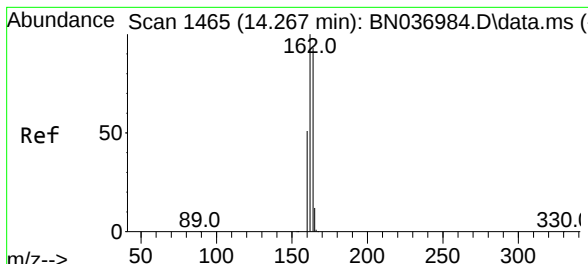
Tgt Ion: 82 Resp: 1467
 Ion Ratio Lower Upper
 82 100
 128 43.5 28.1 42.1#
 54 68.9 56.4 84.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.337 ng
 RT: 12.006 min Scan# 1150
 Delta R.T. 0.005 min
 Lab File: BN036990.D
 Acq: 12 May 2025 19:44

Tgt Ion: 152 Resp: 1962
 Ion Ratio Lower Upper
 152 100
 151 22.8 17.4 26.2

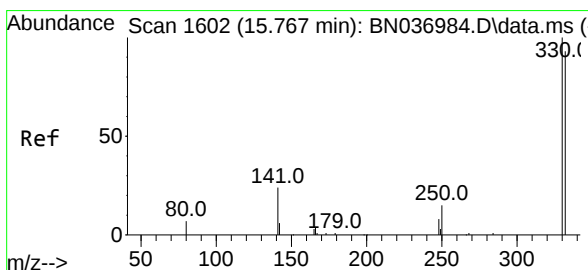
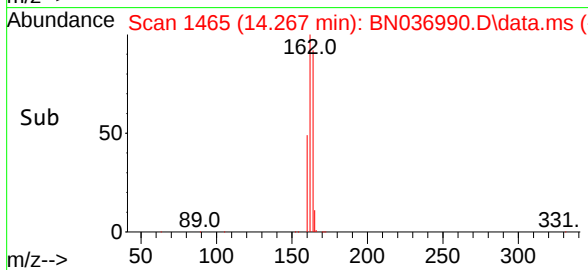
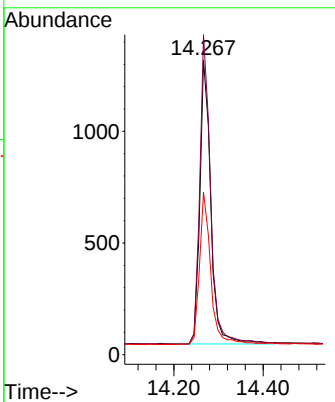
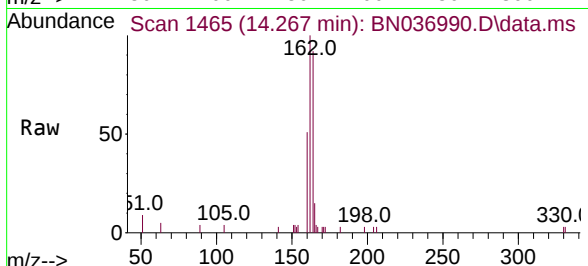




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.267 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: BN036990.D
 Acq: 12 May 2025 19:44

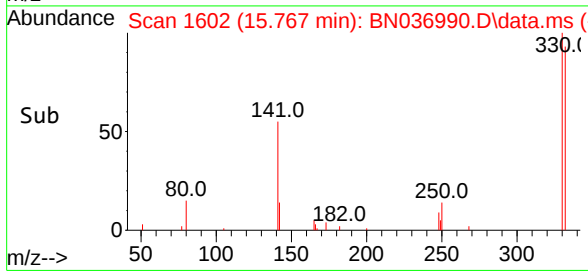
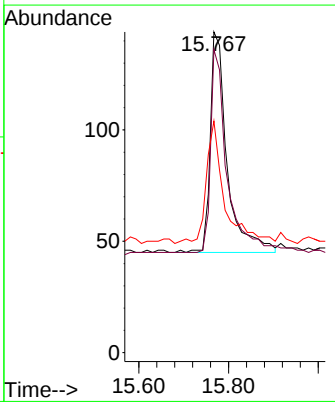
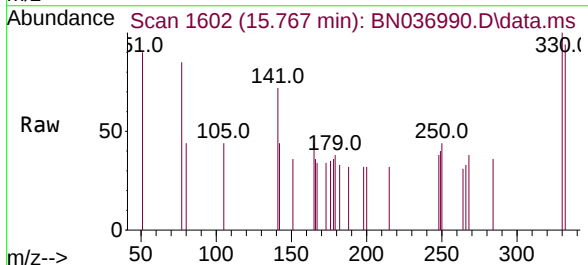
Instrument :
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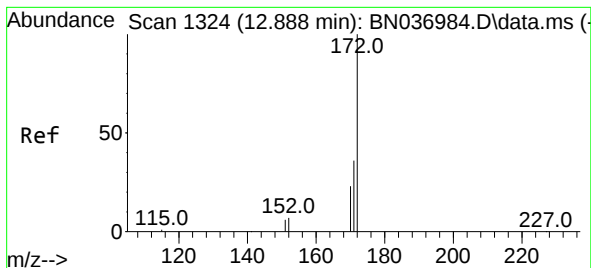
Tgt Ion:	164	Resp:	2162
Ion	Ratio	Lower	Upper
164	100		
162	108.6	86.1	129.1
160	55.1	44.6	67.0



#14
 2,4,6-Tribromophenol
 Concen: 0.260 ng
 RT: 15.767 min Scan# 1602
 Delta R.T. -0.000 min
 Lab File: BN036990.D
 Acq: 12 May 2025 19:44

Tgt Ion:	330	Resp:	258
Ion	Ratio	Lower	Upper
330	100		
332	89.9	75.6	113.4
141	59.7	47.4	71.2

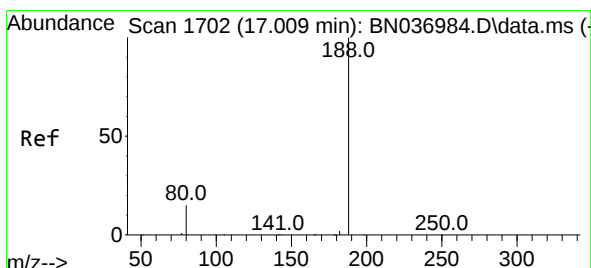
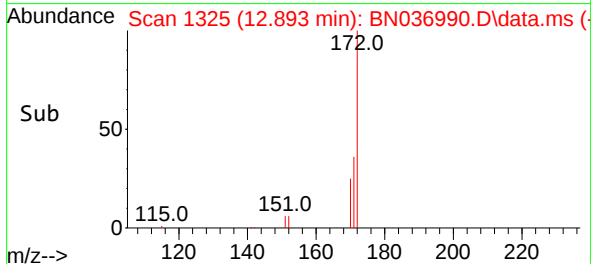
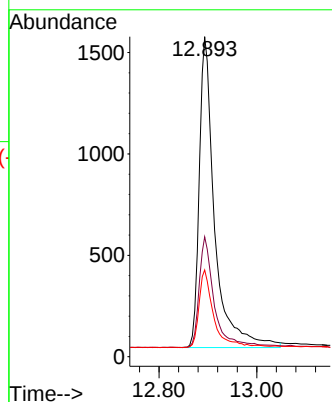
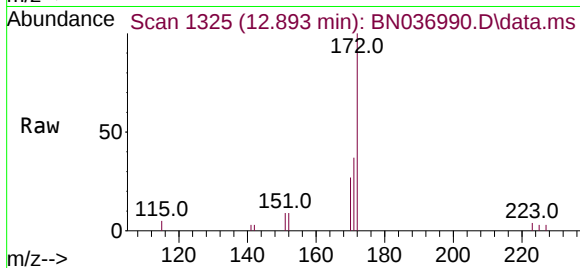




#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.893 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

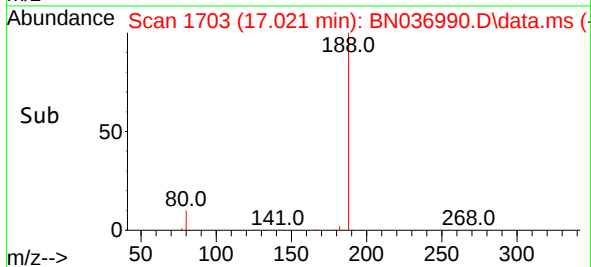
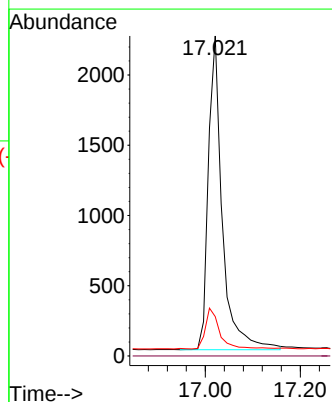
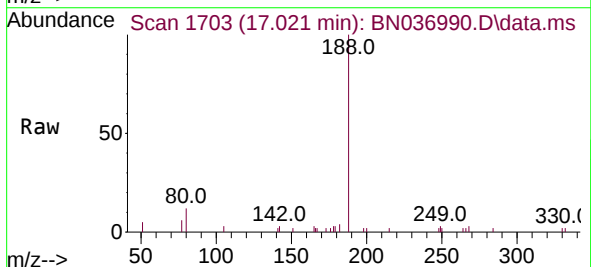
Instrument :
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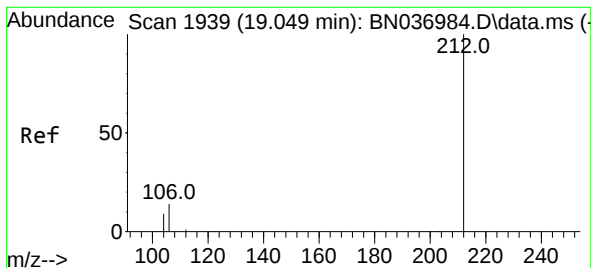
Tgt Ion:172 Resp: 3718
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.2
170 27.1 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. 0.012 min
Lab File: BN036990.D
Acq: 12 May 2025 19:44

Tgt Ion:188 Resp: 4567
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 13.4 20.0#





#27

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.054 min Scan# 1940

Delta R.T. 0.005 min

Lab File: BN036990.D

Acq: 12 May 2025 19:44

Instrument :

BNA_N

ClientSampleId :

PB167888BL

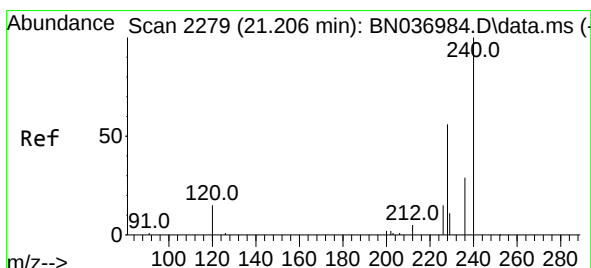
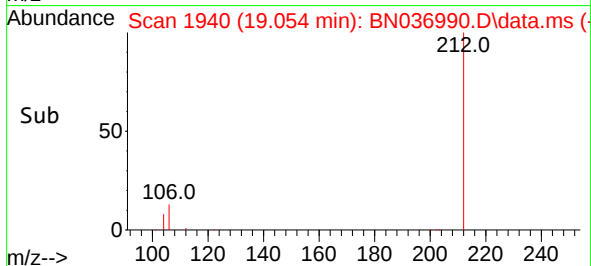
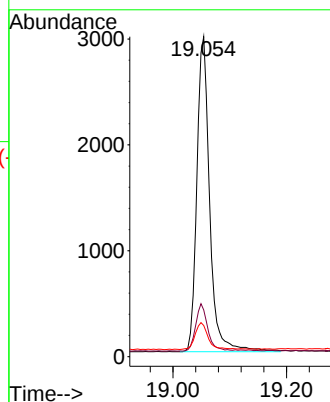
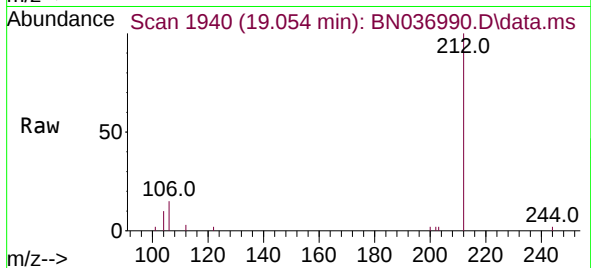
Tgt Ion:212 Resp: 4660

Ion Ratio Lower Upper

212 100

106 14.1 11.3 16.9

104 8.5 7.0 10.4



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.206 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BN036990.D

Acq: 12 May 2025 19:44

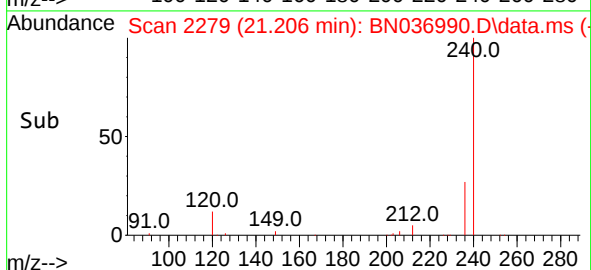
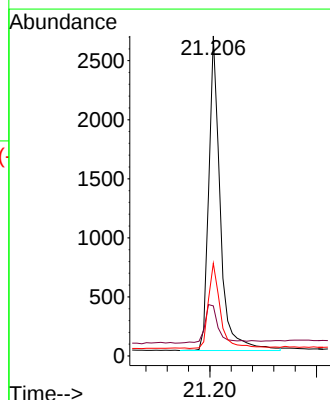
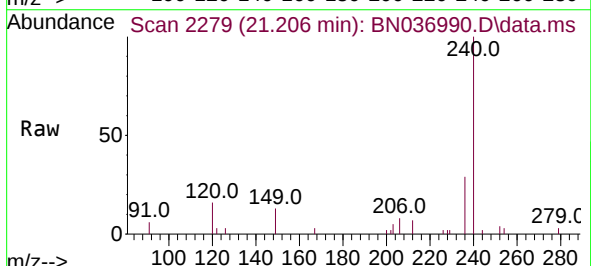
Tgt Ion:240 Resp: 3963

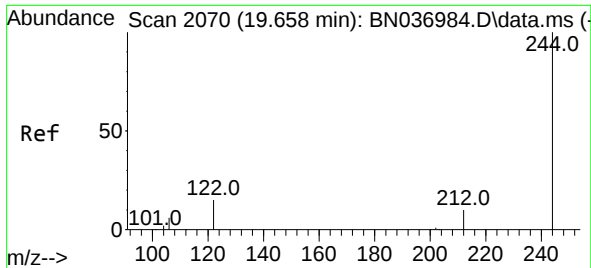
Ion Ratio Lower Upper

240 100

120 15.7 14.5 21.7

236 28.9 24.3 36.5

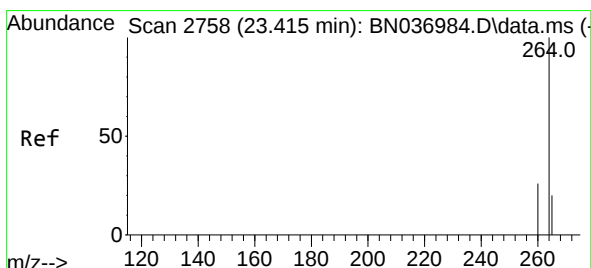
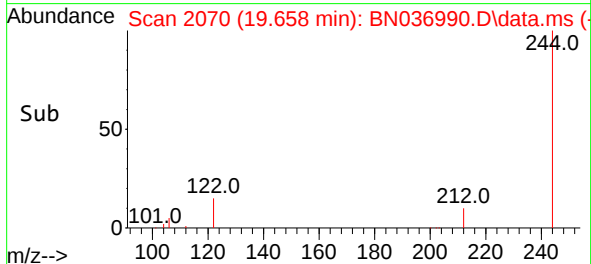
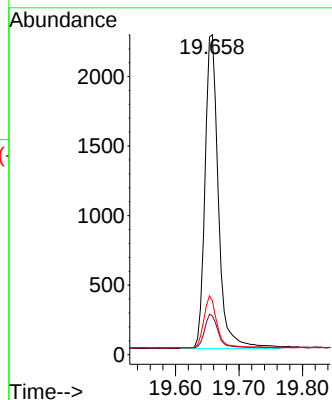
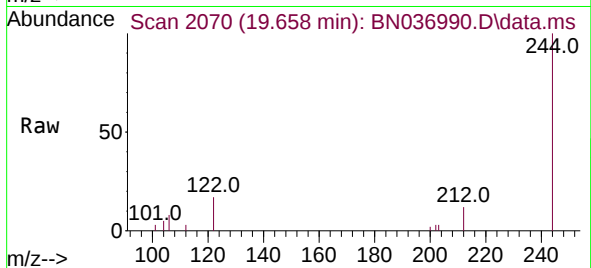




#31
 Terphenyl-d14
 Concen: 0.368 ng
 RT: 19.658 min Scan# 2070
 Delta R.T. -0.000 min
 Lab File: BN036990.D
 Acq: 12 May 2025 19:44

Instrument :
 BNA_N
 ClientSampleId :
 PB167888BL

Tgt Ion:244	Resp:	3305
Ion Ratio	Lower	Upper
244	100	
212	12.1	9.5 14.3
122	16.9	13.4 20.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BN036990.D
 Acq: 12 May 2025 19:44

Tgt Ion:264	Resp:	3827
Ion Ratio	Lower	Upper
264	100	
260	26.9	22.3 33.5
265	73.2	55.4 83.0

