

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
 Data File : BN036885.D
 Acq On : 11 Apr 2025 19:21
 Operator : RC/JU
 Sample : PB167565BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

Quant Time: Apr 11 23:06:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 11 16:11:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	228	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	558	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	321	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	761	0.400	ng	# 0.00
29) Chrysene-d12	21.233	240	945	0.400	ng	# 0.00
35) Perylene-d12	23.450	264	1194	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	248	0.462	ng	0.00
5) Phenol-d6	6.824	99	273	0.398	ng	0.00
8) Nitrobenzene-d5	8.803	82	234	0.378	ng	0.01
11) 2-Methylnaphthalene-d10	12.026	152	282	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.792	330	59	0.381	ng	0.01
15) 2-Fluorobiphenyl	12.914	172	615	0.399	ng	0.00
27) Fluoranthene-d10	19.073	212	976	0.455	ng	0.00
31) Terphenyl-d14	19.676	244	695	0.387	ng	0.00

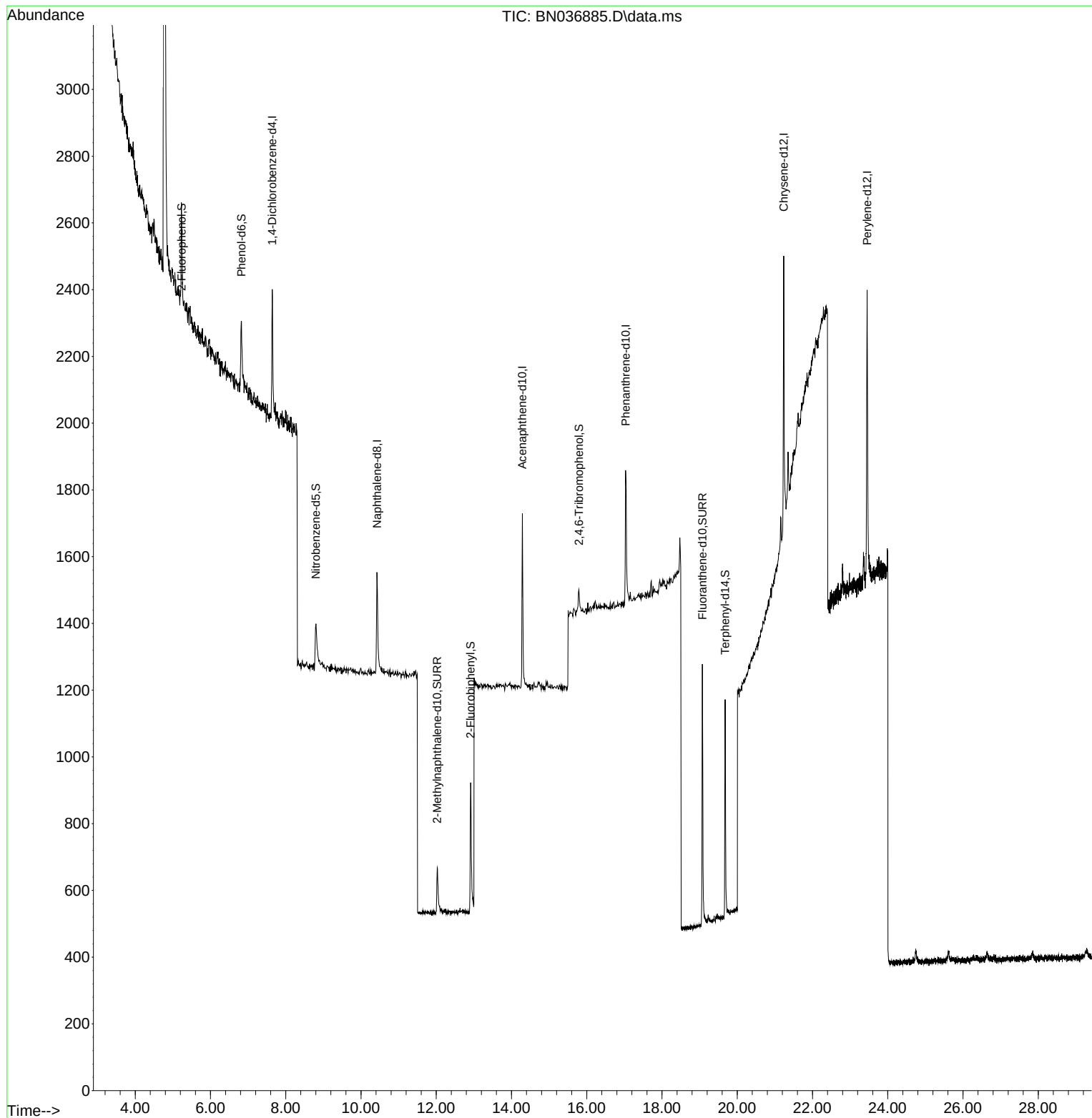
Target Compounds Qvalue

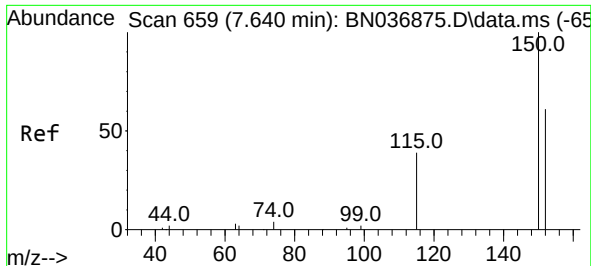
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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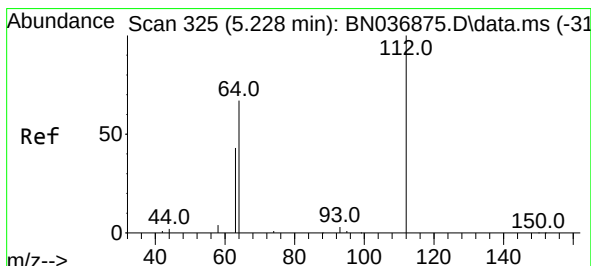
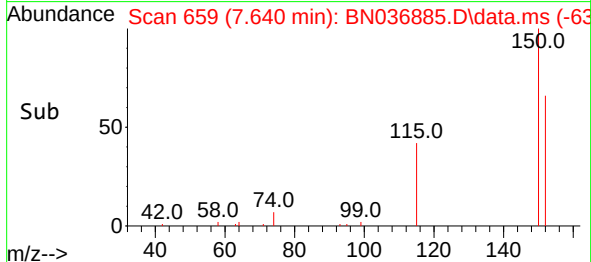
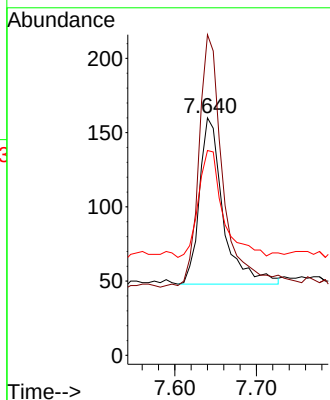
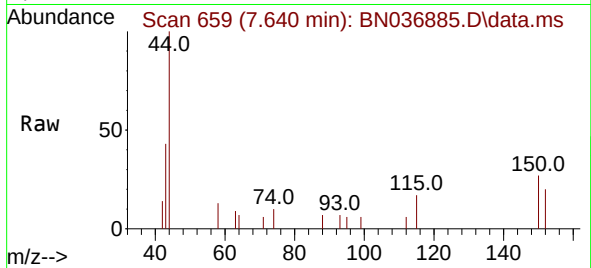




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.640 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036885.D
 Acq: 11 Apr 2025 19:21

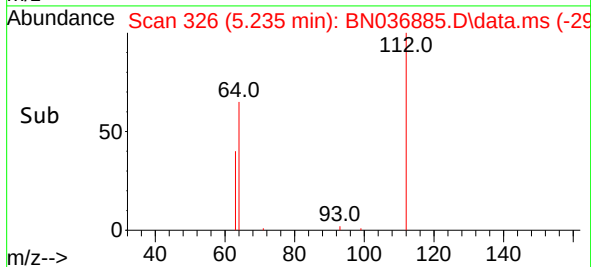
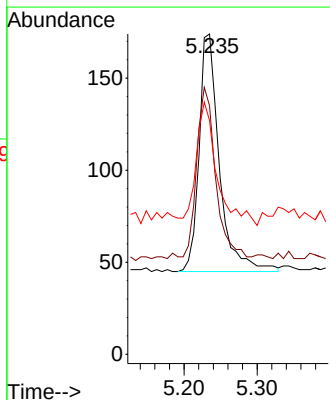
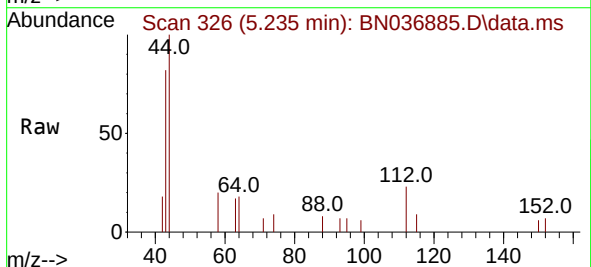
Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

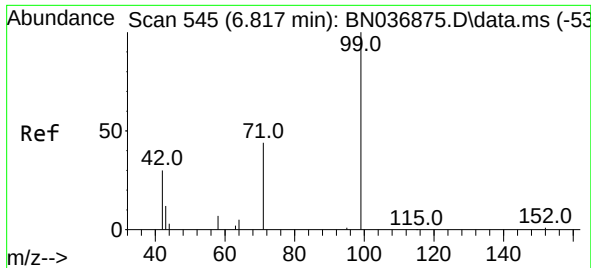
Tgt Ion:152 Resp: 228
 Ion Ratio Lower Upper
 152 100
 150 135.0 123.0 184.6
 115 86.3 60.1 90.1



#4
 2-Fluorophenol
 Concen: 0.462 ng
 RT: 5.235 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: BN036885.D
 Acq: 11 Apr 2025 19:21

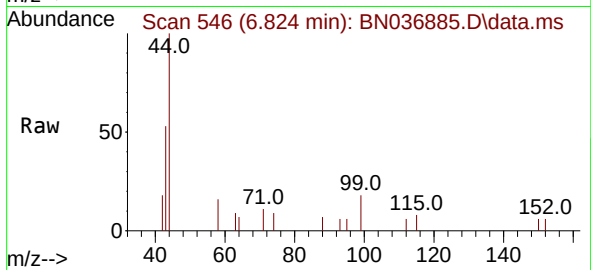
Tgt Ion:112 Resp: 248
 Ion Ratio Lower Upper
 112 100
 64 66.9 54.0 81.0
 63 52.8 35.1 52.7#



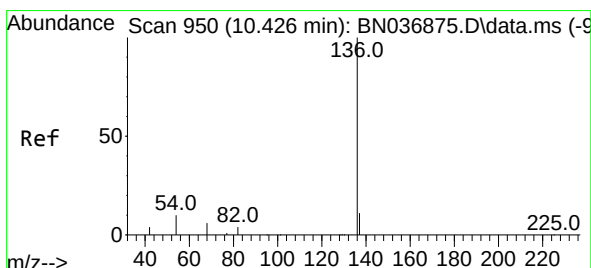
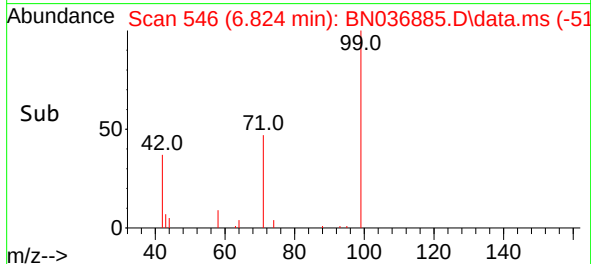
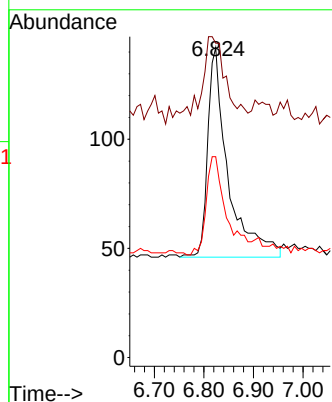


#5
Phenol-d6
Concen: 0.398 ng
RT: 6.824 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

Instrument :
BNA_N
ClientSampleId :
PB167565BL

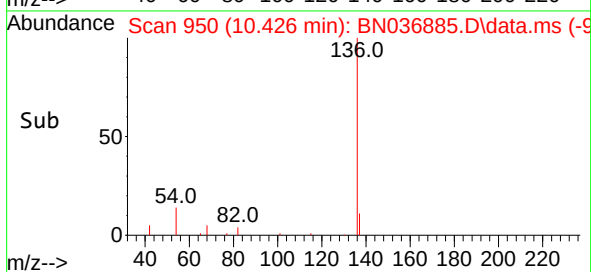
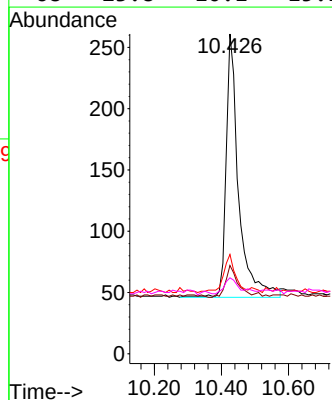
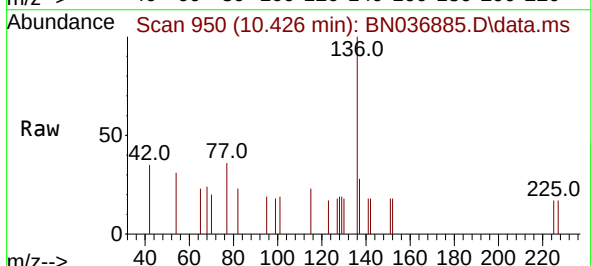


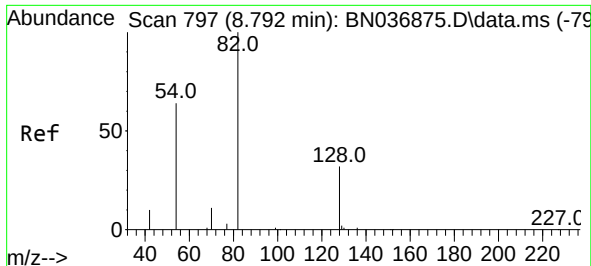
Tgt Ion: 99 Resp: 273
Ion Ratio Lower Upper
99 100
42 54.6 30.9 46.3#
71 46.9 38.6 58.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

Tgt Ion:136 Resp: 558
Ion Ratio Lower Upper
136 100
137 27.6 13.5 20.3#
54 31.0 12.8 19.2#
68 23.8 10.1 15.1#

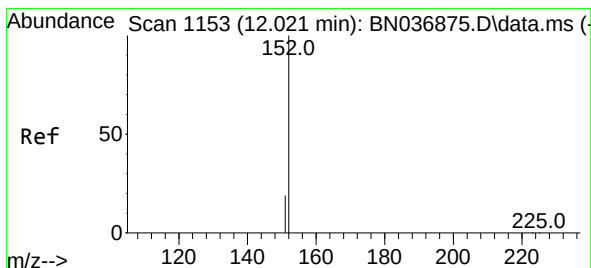
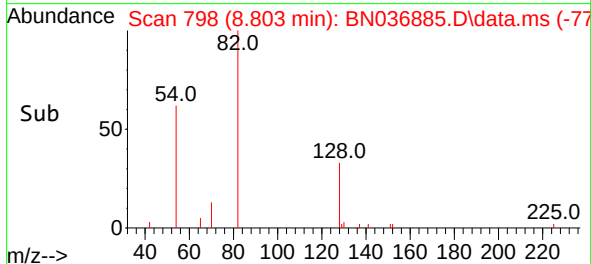
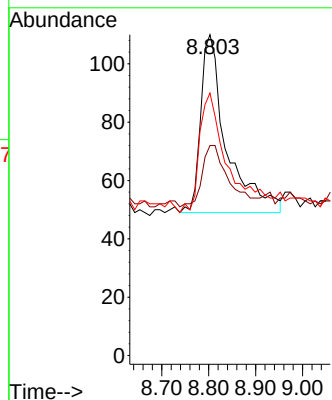
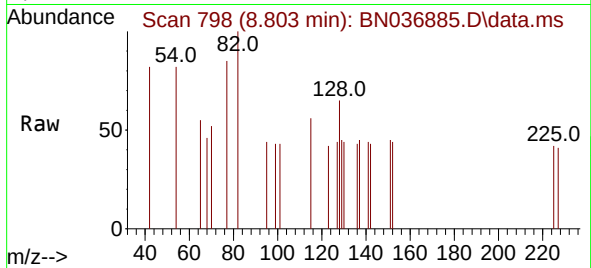




#8
 Nitrobenzene-d5
 Concen: 0.378 ng
 RT: 8.803 min Scan# 798
 Delta R.T. 0.011 min
 Lab File: BN036885.D
 Acq: 11 Apr 2025 19:21

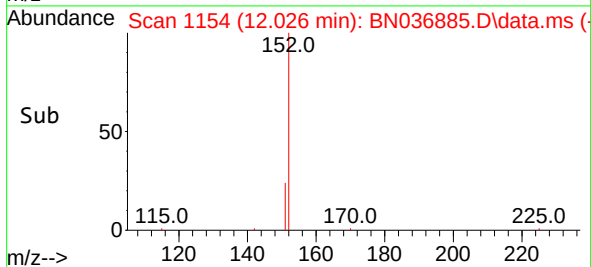
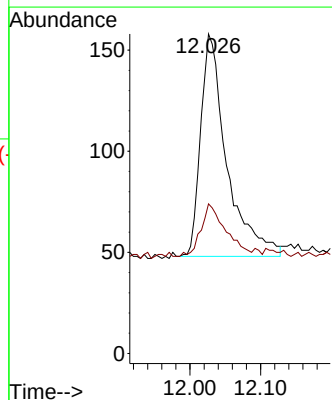
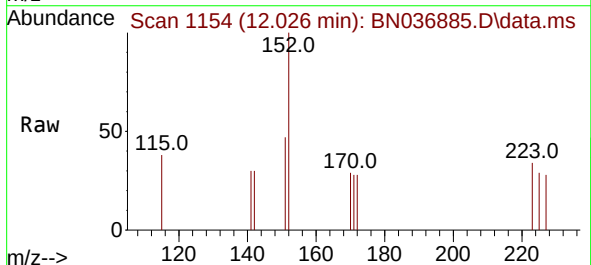
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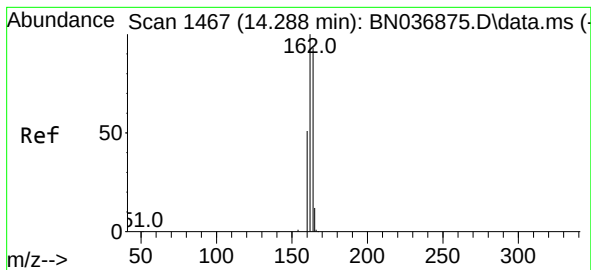
Tgt Ion: 82 Resp: 234
 Ion Ratio Lower Upper
 82 100
 128 65.5 35.5 53.3#
 54 81.8 56.2 84.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.348 ng
 RT: 12.026 min Scan# 1154
 Delta R.T. 0.005 min
 Lab File: BN036885.D
 Acq: 11 Apr 2025 19:21

Tgt Ion:152 Resp: 282
 Ion Ratio Lower Upper
 152 100
 151 22.3 17.8 26.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.288 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN036885.D

Acq: 11 Apr 2025 19:21

Instrument :

BNA_N

ClientSampleId :

PB167565BL

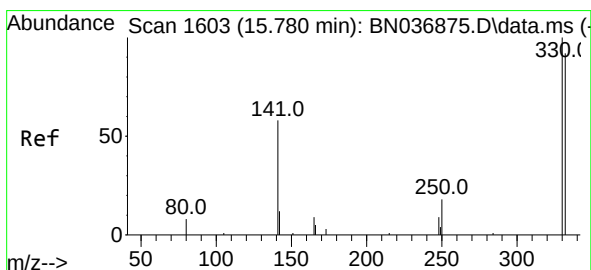
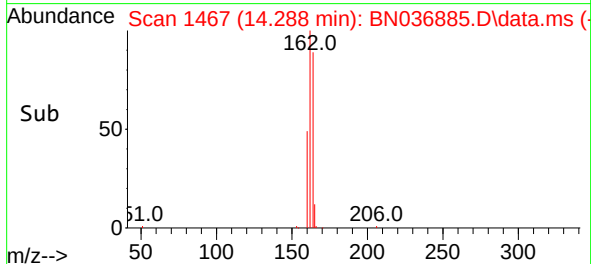
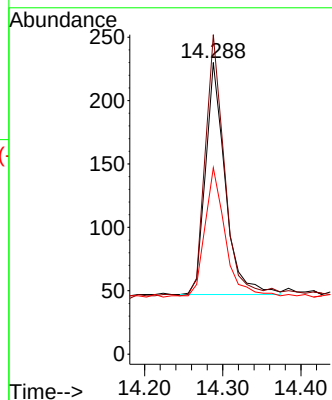
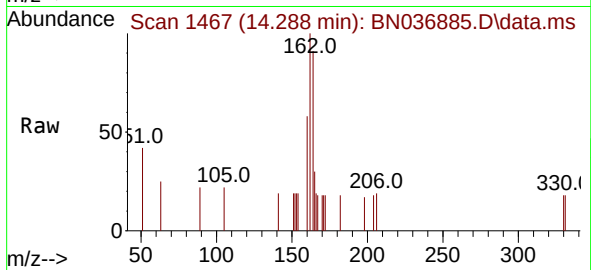
Tgt Ion:164 Resp: 321

Ion Ratio Lower Upper

164 100

162 109.6 85.7 128.5

160 63.9 46.9 70.3



#14

2,4,6-Tribromophenol

Concen: 0.381 ng

RT: 15.792 min Scan# 1604

Delta R.T. 0.012 min

Lab File: BN036885.D

Acq: 11 Apr 2025 19:21

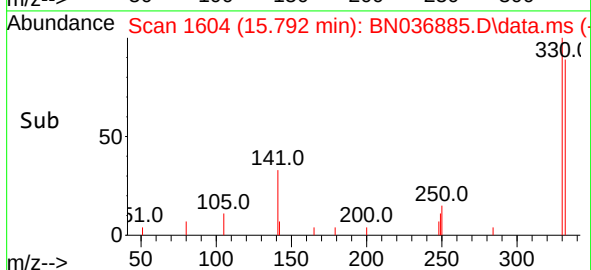
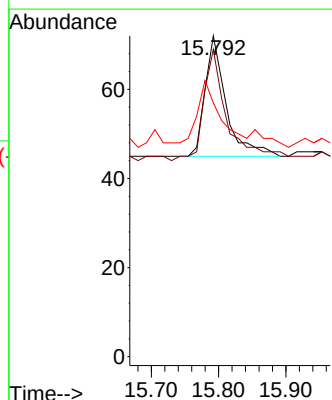
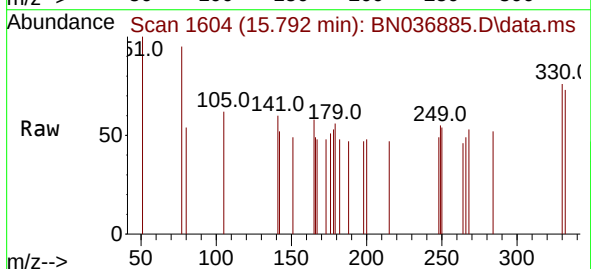
Tgt Ion:330 Resp: 59

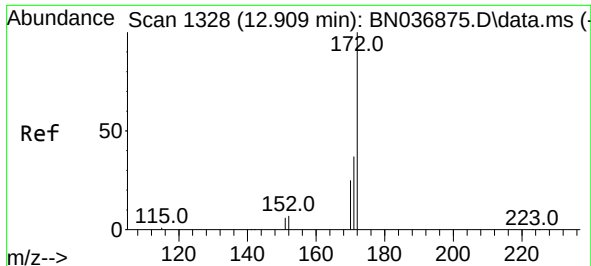
Ion Ratio Lower Upper

330 100

332 106.8 87.0 130.6

141 52.5 45.3 67.9

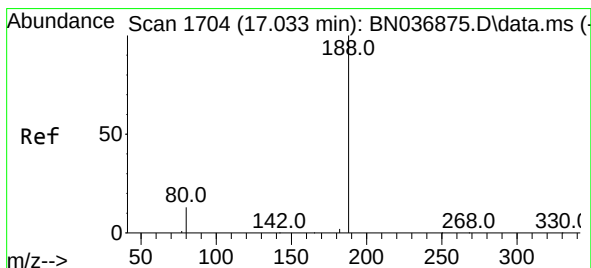
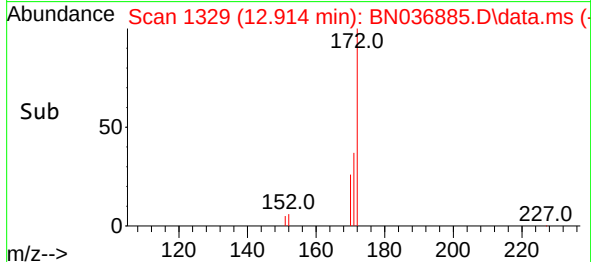
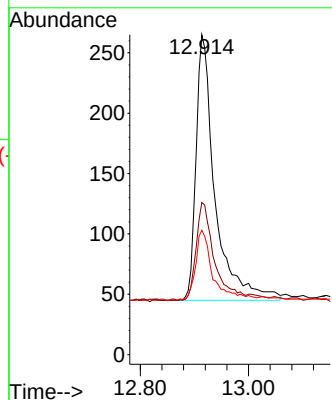
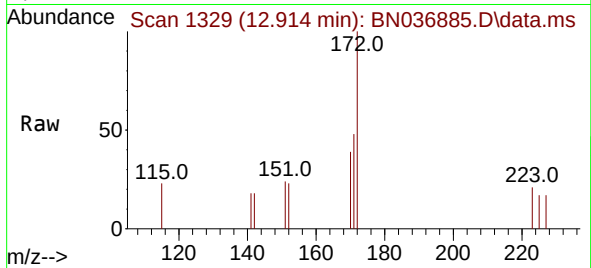




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.914 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

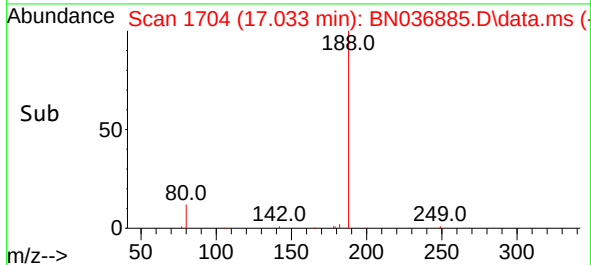
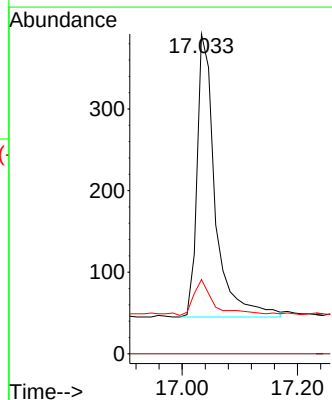
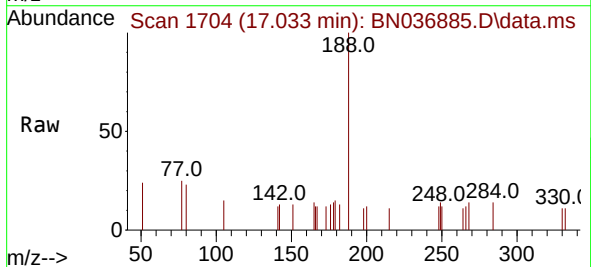
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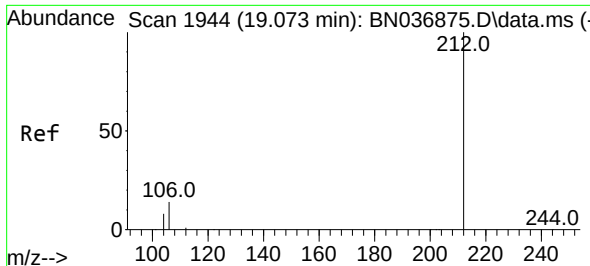
Tgt Ion:172 Resp: 615
Ion Ratio Lower Upper
172 100
171 47.5 32.7 49.1
170 38.9 23.3 34.9#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.033 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

Tgt Ion:188 Resp: 761
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 23.2 13.9 20.9#

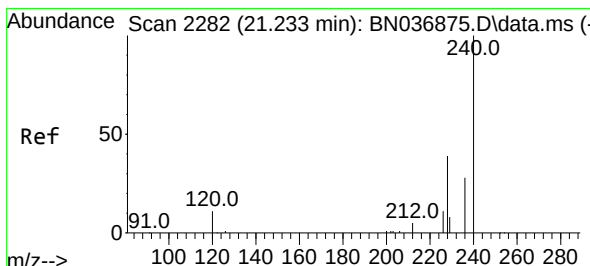
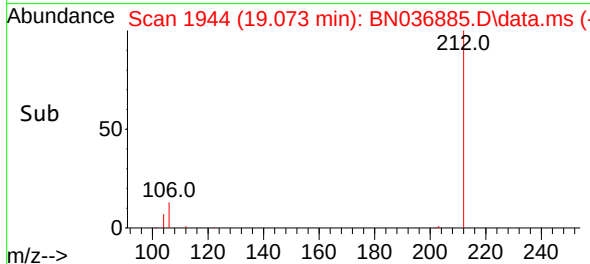
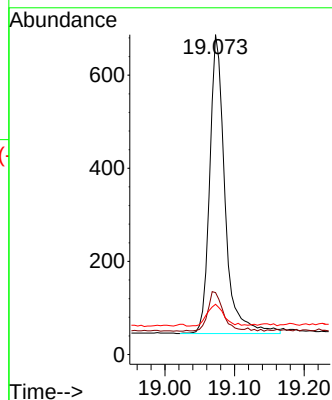
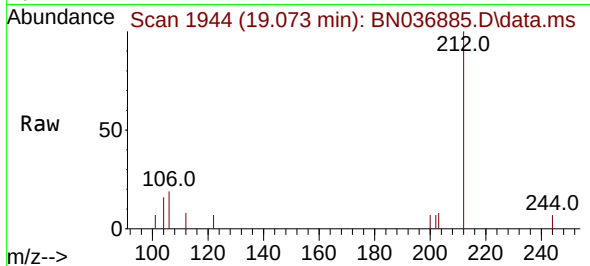




#27
Fluoranthene-d10
Concen: 0.455 ng
RT: 19.073 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

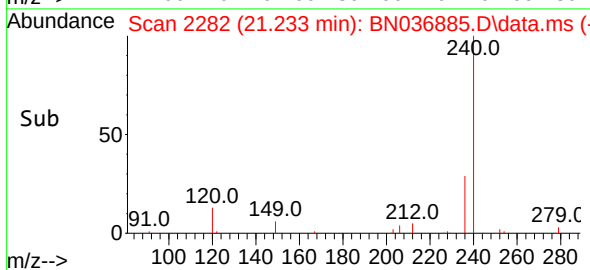
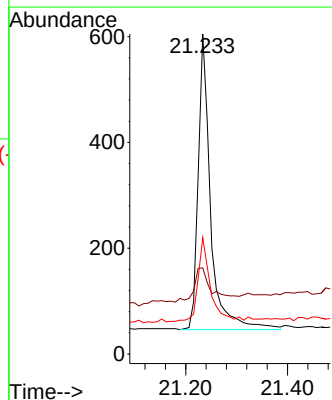
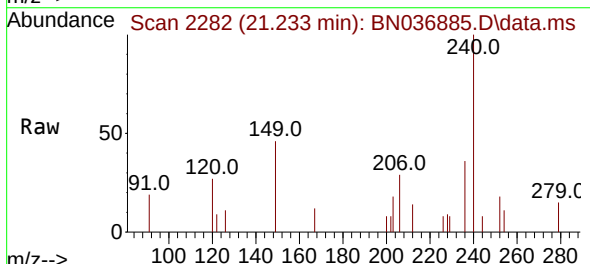
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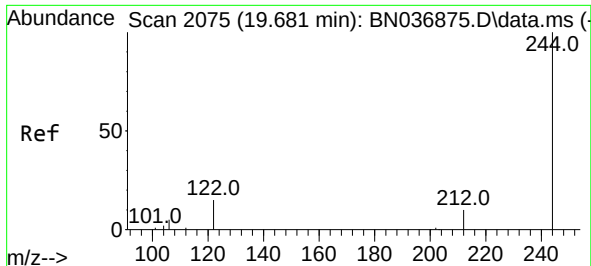
Tgt Ion:212 Resp: 976
Ion Ratio Lower Upper
212 100
106 13.2 11.2 16.8
104 8.1 7.5 11.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.233 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

Tgt Ion:240 Resp: 945
Ion Ratio Lower Upper
240 100
120 26.9 15.8 23.6#
236 36.4 25.8 38.8

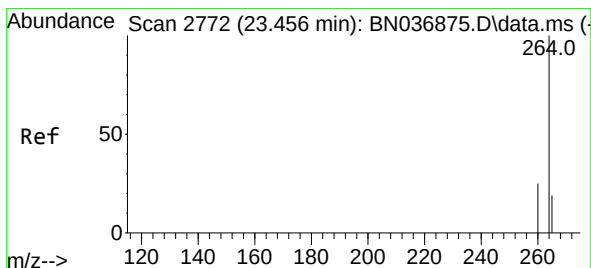
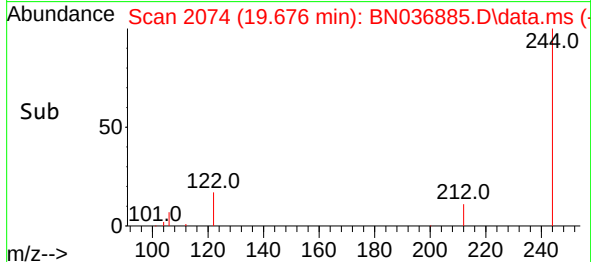
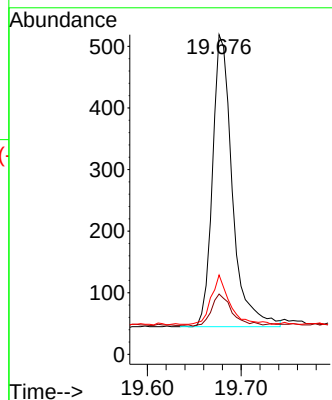
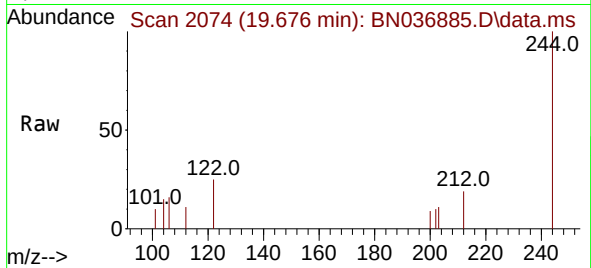




#31
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.676 min Scan# 2075
 Delta R.T. -0.005 min
 Lab File: BN036885.D
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Instrument :
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Tgt Ion:244 Resp: 695
 Ion Ratio Lower Upper
 244 100
 212 18.9 11.6 17.4#
 122 24.9 14.9 22.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.450 min Scan# 2770
 Delta R.T. -0.006 min
 Lab File: BN036885.D
 Acq: 11 Apr 2025 19:21

Tgt Ion:264 Resp: 1194
 Ion Ratio Lower Upper
 264 100
 260 31.1 22.9 34.3
 265 151.4 88.6 132.8#

