

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
 Data File : BN038184.D
 Acq On : 12 Nov 2025 10:07
 Operator : RC/JU
 Sample : PB170483BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170483BL

Quant Time: Nov 12 10:31:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

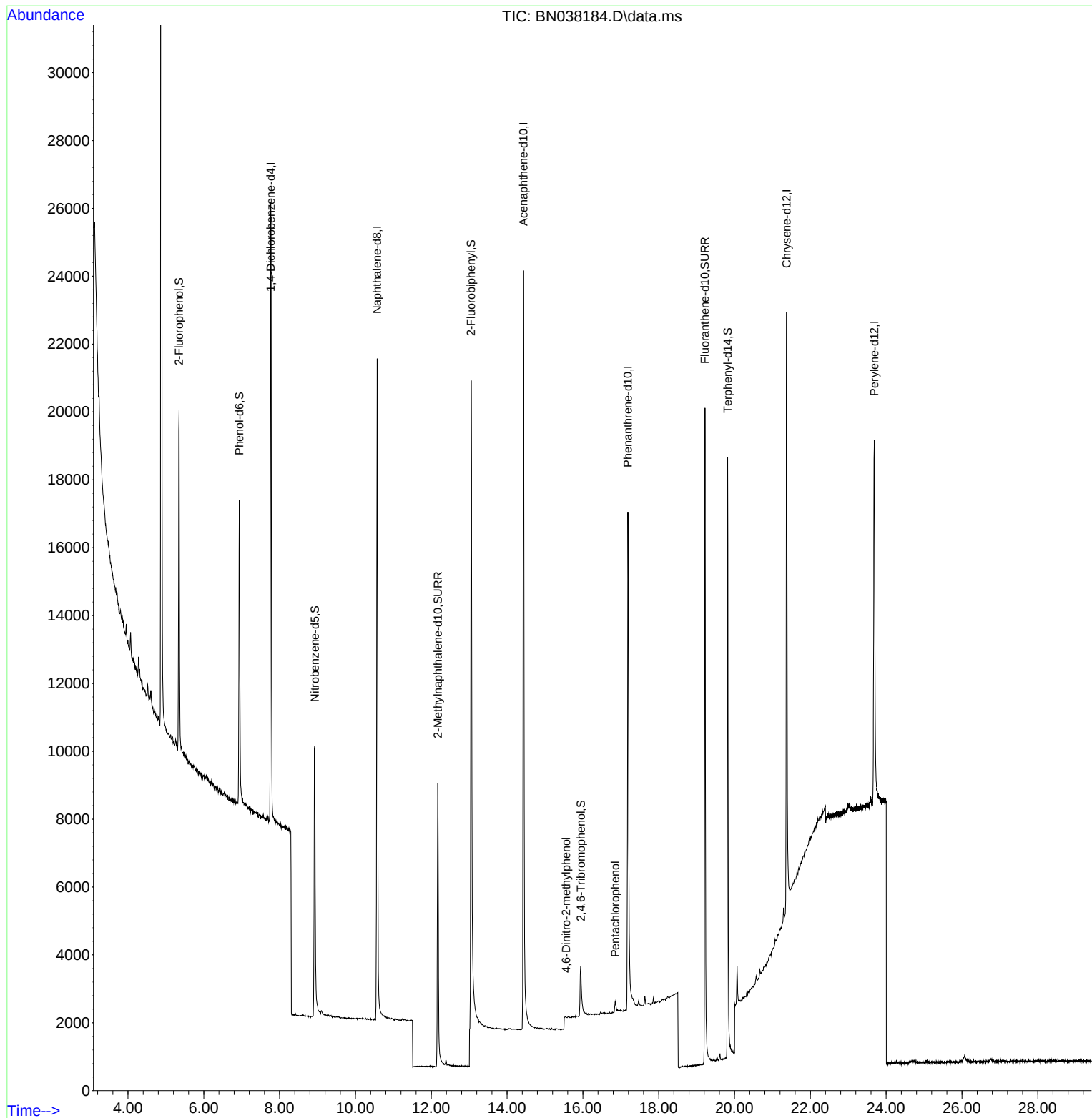
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9479	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	27842	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	15234	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	28458	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	18990	0.400	ng	0.00
35) Perylene-d12	23.686	264	17381	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	8510	0.381	ng	0.00
5) Phenol-d6	6.937	99	9697	0.357	ng	0.00
8) Nitrobenzene-d5	8.929	82	8268	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	13840	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	1460	0.233	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	22378	0.367	ng	0.00
27) Fluoranthene-d10	19.220	212	24538	0.342	ng	0.00
31) Terphenyl-d14	19.819	244	19123	0.464	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.560	198	13	0.186	ng	# 1
24) Pentachlorophenol	16.851	266	334	0.037	ng	95

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

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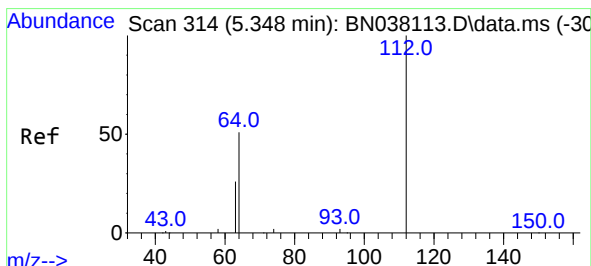
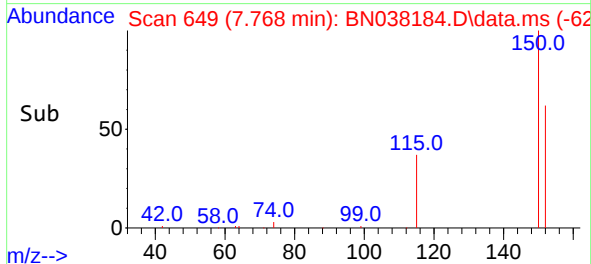
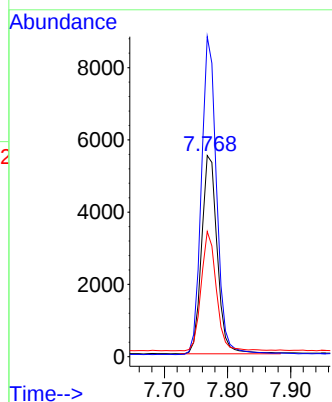
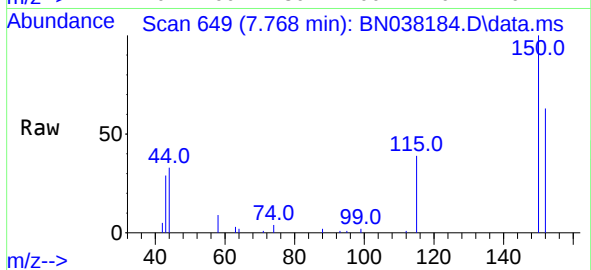




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.007 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

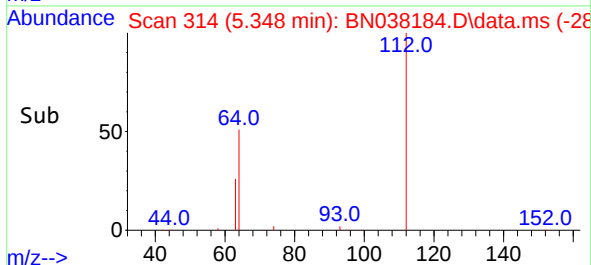
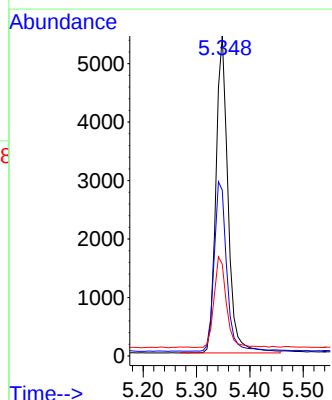
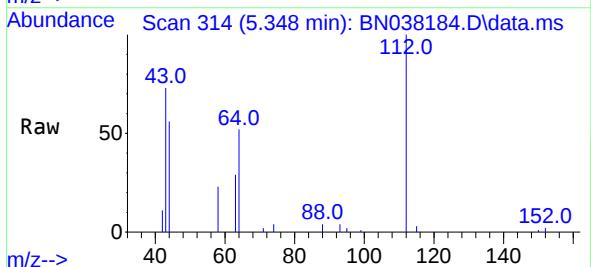
Instrument :
BNA_N
ClientSampleId :
PB170483BL

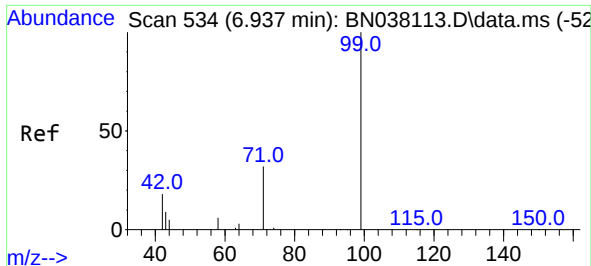
Tgt Ion:152 Resp: 9479
Ion Ratio Lower Upper
152 100
150 159.1 122.3 183.5
115 62.2 47.4 71.0



#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:112 Resp: 8510
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.0
63 29.4 23.2 34.8

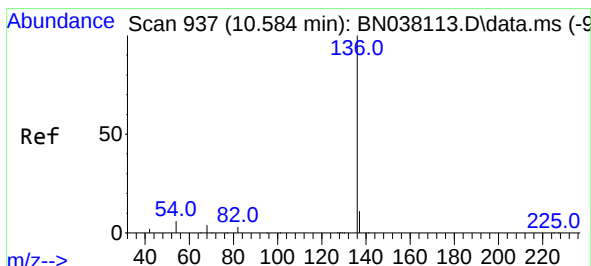
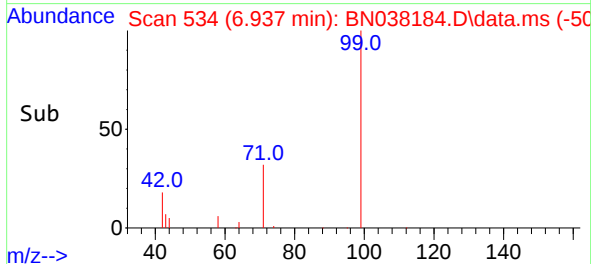
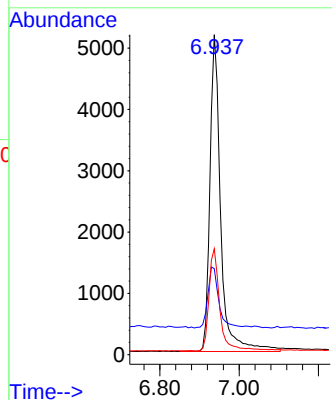
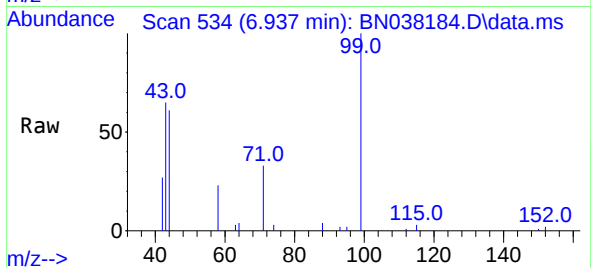




#5
Phenol-d6
Concen: 0.357 ng
RT: 6.937 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

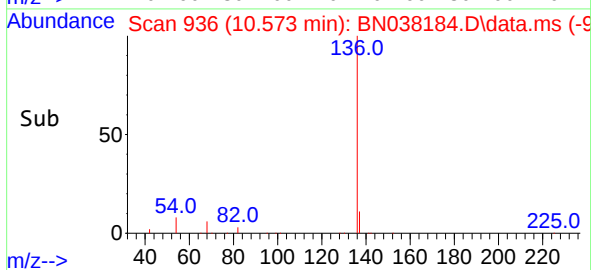
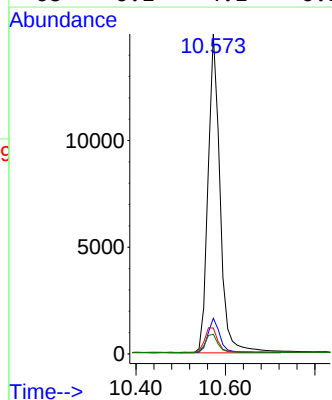
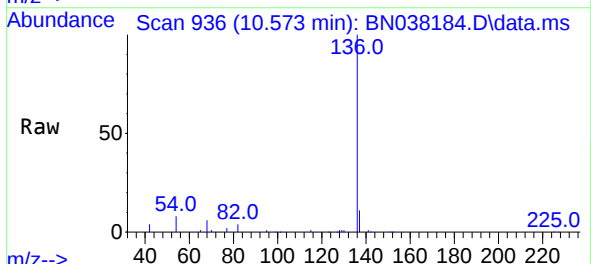
Instrument :
BNA_N
ClientSampleId :
PB170483BL

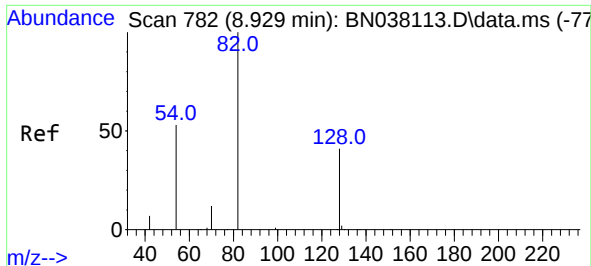
Tgt Ion:	99	Resp:	9697
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.6	24.8
71	32.8	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:	136	Resp:	27842
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.1	5.2	7.8#
68	6.1	4.1	6.1#

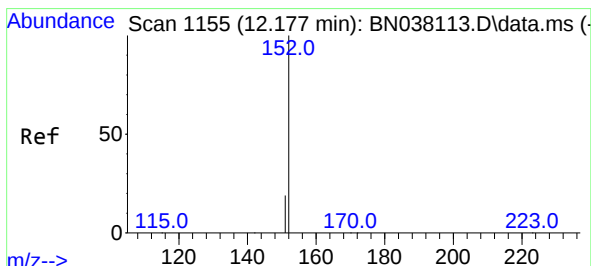
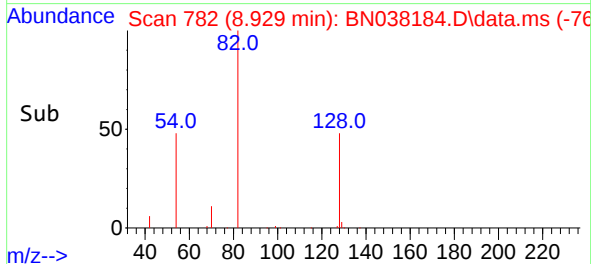
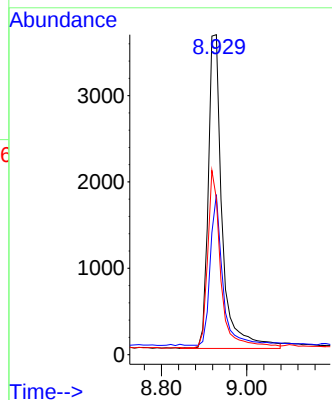
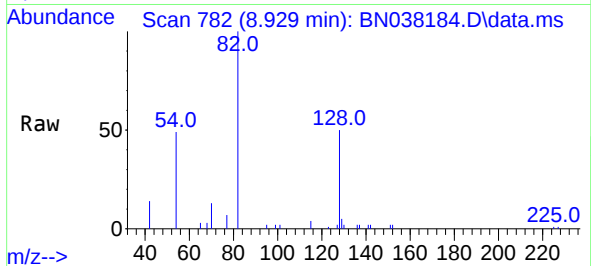




#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.929 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

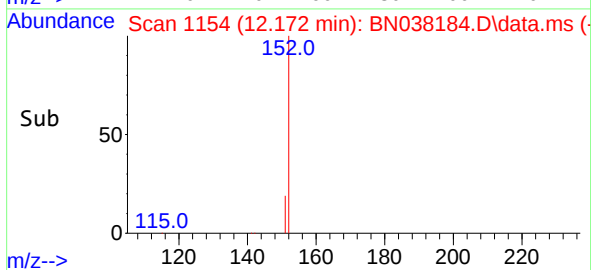
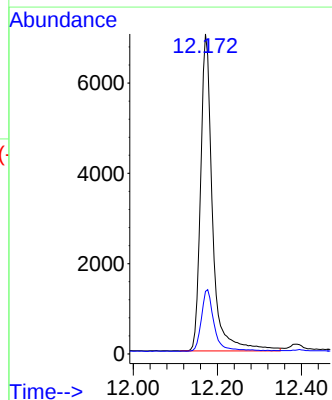
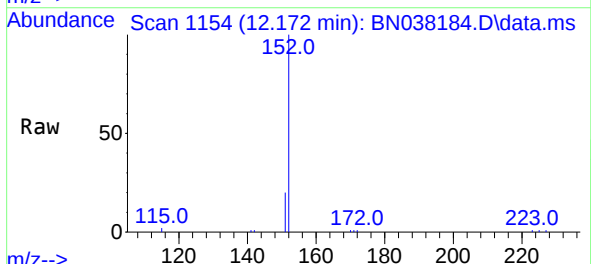
Instrument :
BNA_N
ClientSampleId :
PB170483BL

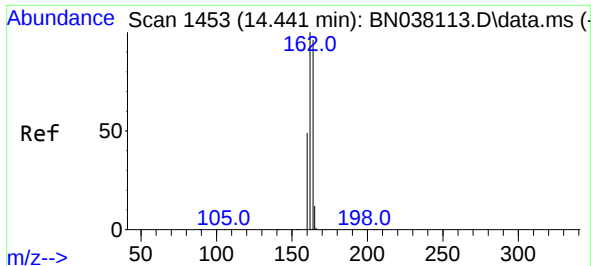
Tgt Ion: 82 Resp: 8268
Ion Ratio Lower Upper
82 100
128 50.0 34.1 51.1
54 48.8 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 152 Resp: 13840
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2

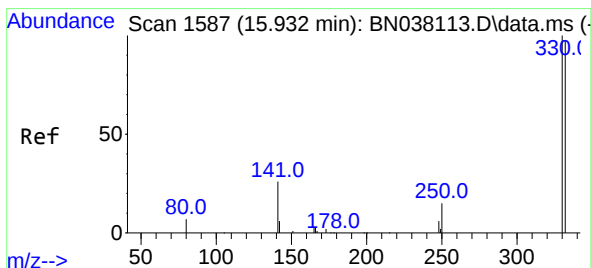
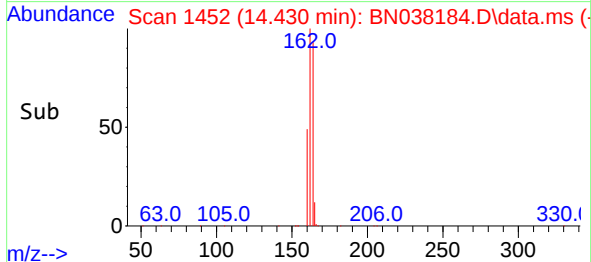
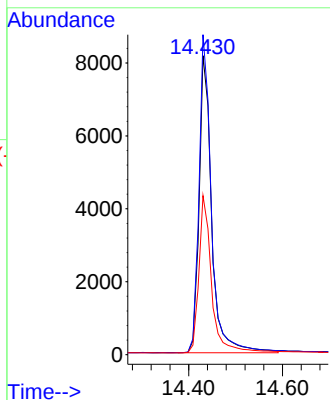
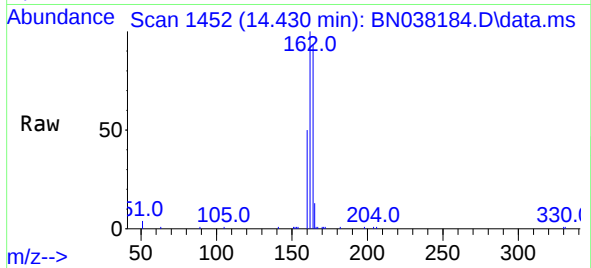




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

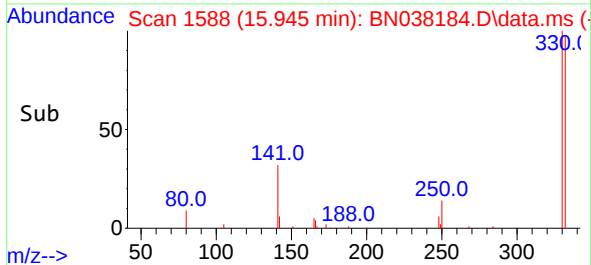
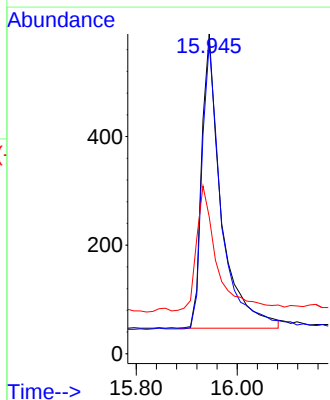
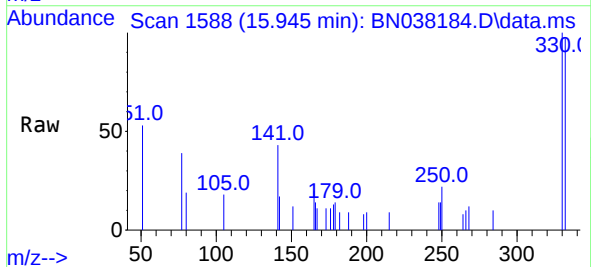
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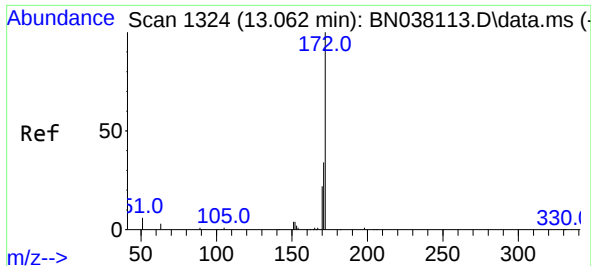
Tgt Ion:164 Resp: 15234
Ion Ratio Lower Upper
164 100
162 107.0 83.0 124.4
160 53.2 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.945 min Scan# 1588
Delta R.T. 0.013 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:330 Resp: 1460
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 44.2 34.1 51.1





#15

2-Fluorobiphenyl

Concen: 0.367 ng

RT: 13.051 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN038184.D

Acq: 12 Nov 2025 10:07

Instrument :

BNA_N

ClientSampleId :

PB170483BL

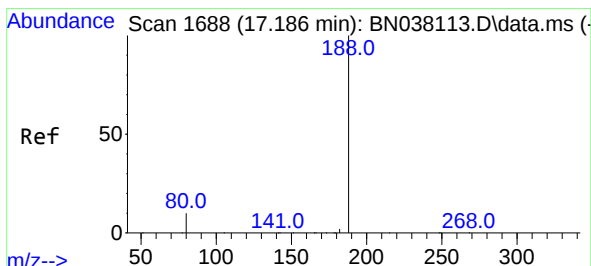
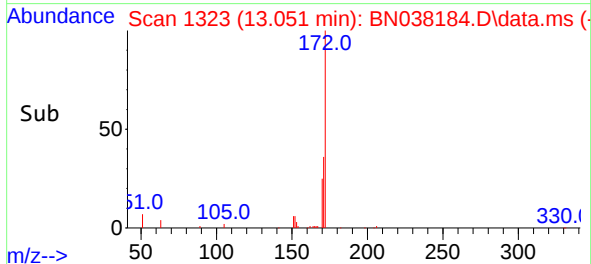
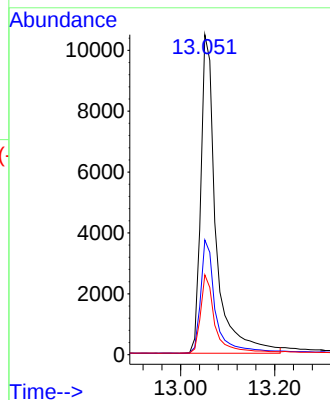
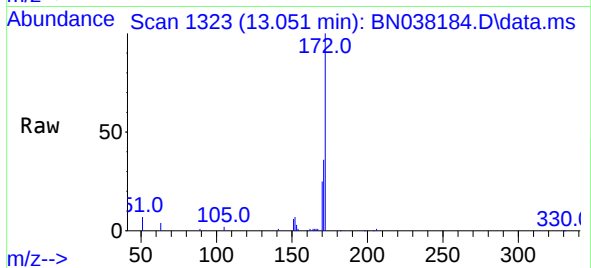
Tgt Ion:172 Resp: 22378

Ion Ratio Lower Upper

172 100

171 35.9 27.8 41.6

170 24.9 18.1 27.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN038184.D

Acq: 12 Nov 2025 10:07

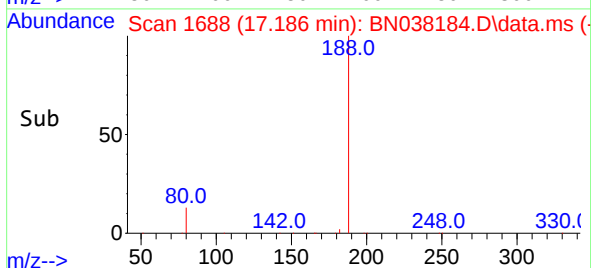
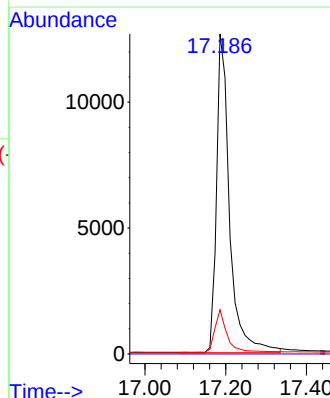
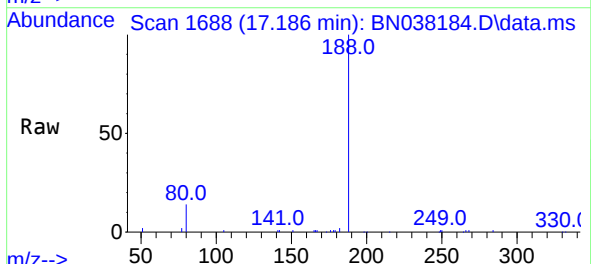
Tgt Ion:188 Resp: 28458

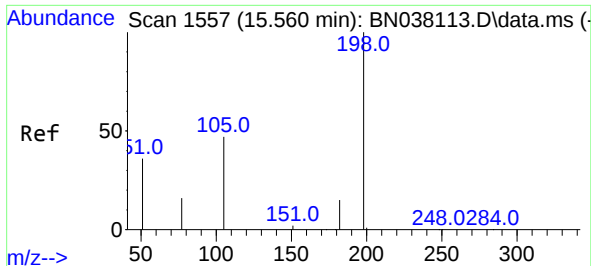
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 8.6 13.0#

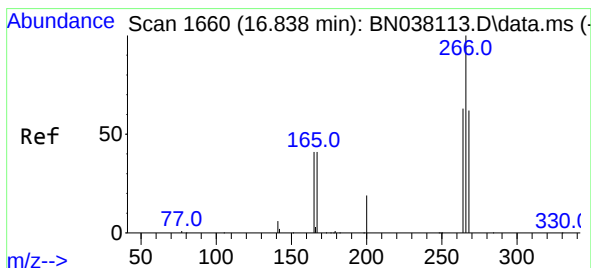
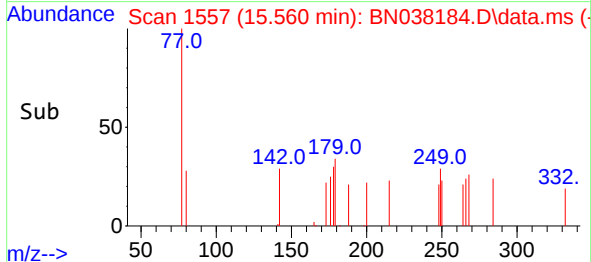
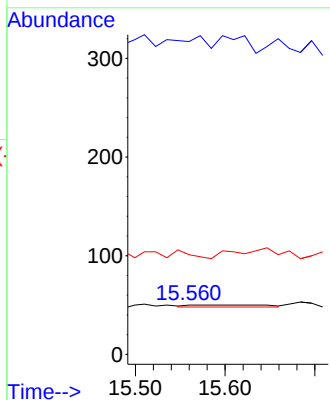
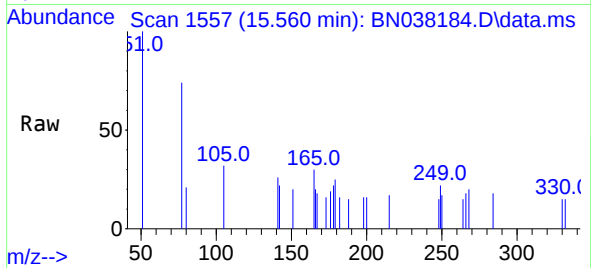




#20
4,6-Dinitro-2-methylphenol
Concen: 0.186 ng
RT: 15.560 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

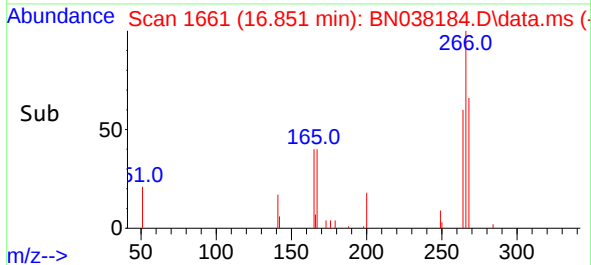
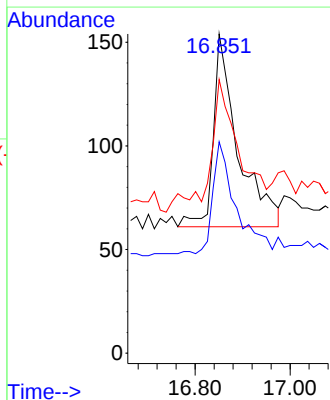
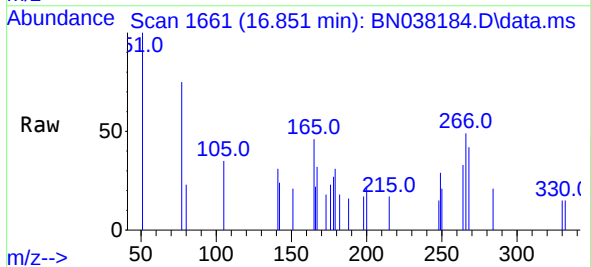
Instrument :
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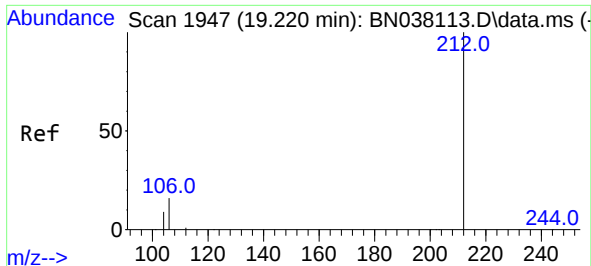
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 634.0 88.9 133.3#
105 202.0 49.2 73.8#



#24
Pentachlorophenol
Concen: 0.037 ng
RT: 16.851 min Scan# 1661
Delta R.T. 0.012 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

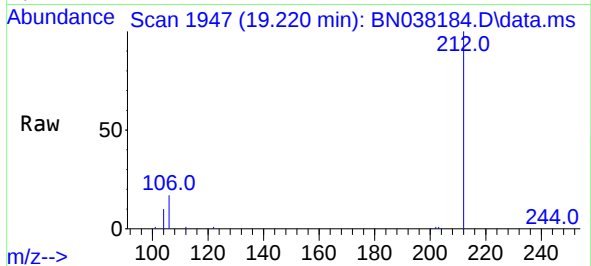
Tgt Ion:266 Resp: 334
Ion Ratio Lower Upper
266 100
264 54.5 49.3 73.9
268 62.9 50.6 75.8



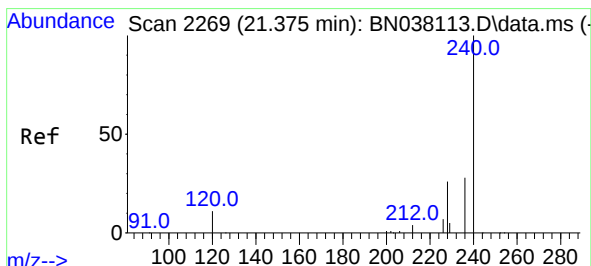
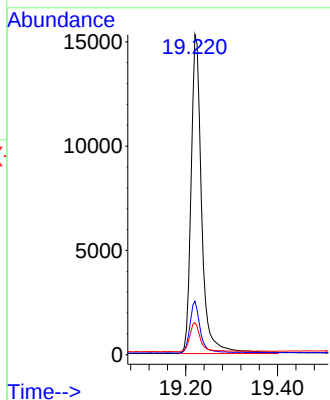


#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

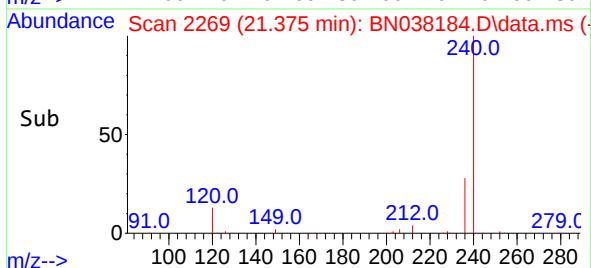
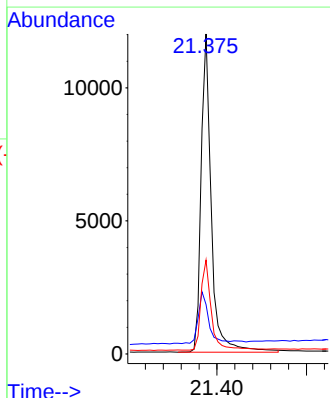
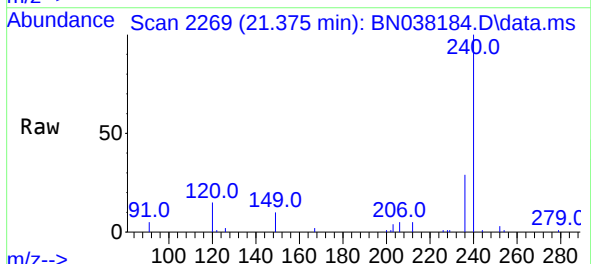


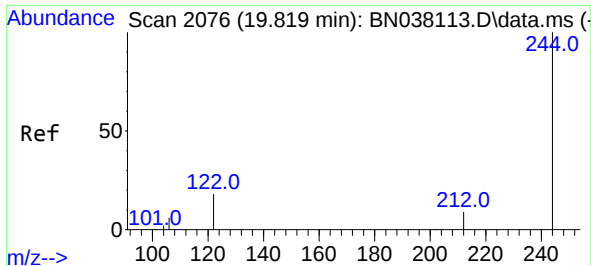
Tgt Ion:212 Resp: 24538
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:240 Resp: 18990
Ion Ratio Lower Upper
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120 15.4 10.7 16.1
236 29.3 23.1 34.7

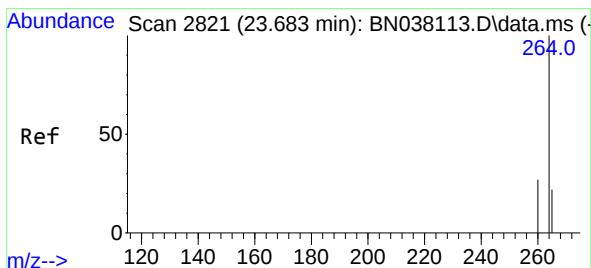
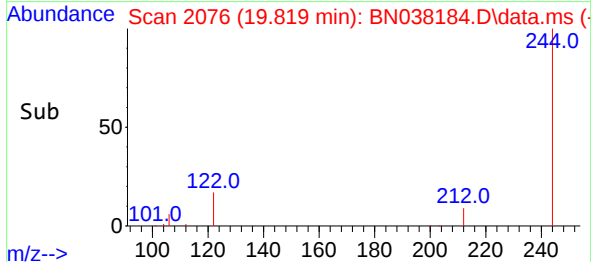
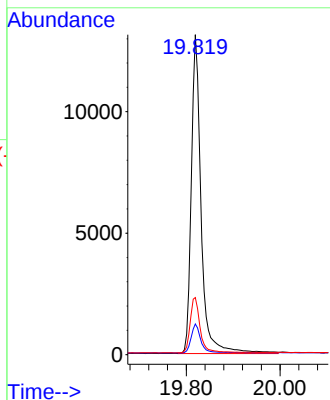
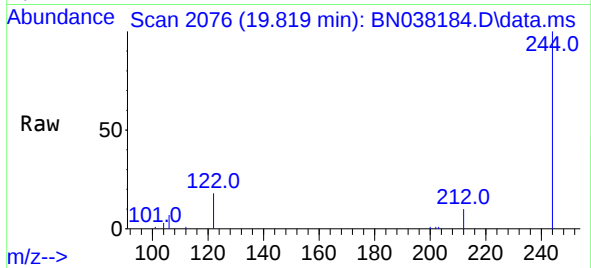




#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Instrument :
BNA_N
ClientSampleId :
PB170483BL

Tgt Ion:244 Resp: 19123
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 17.8 15.2 22.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038184.D
Acq: 12 Nov 2025 10:07

Tgt Ion:264 Resp: 17381
Ion Ratio Lower Upper
264 100
260 27.6 21.8 32.8
265 95.6 68.6 102.8

