

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070225\
 Data File : BN037426.D
 Acq On : 02 Jul 2025 15:01
 Operator : RC/JU
 Sample : PB168695BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168695BL

Quant Time: Jul 02 15:26:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

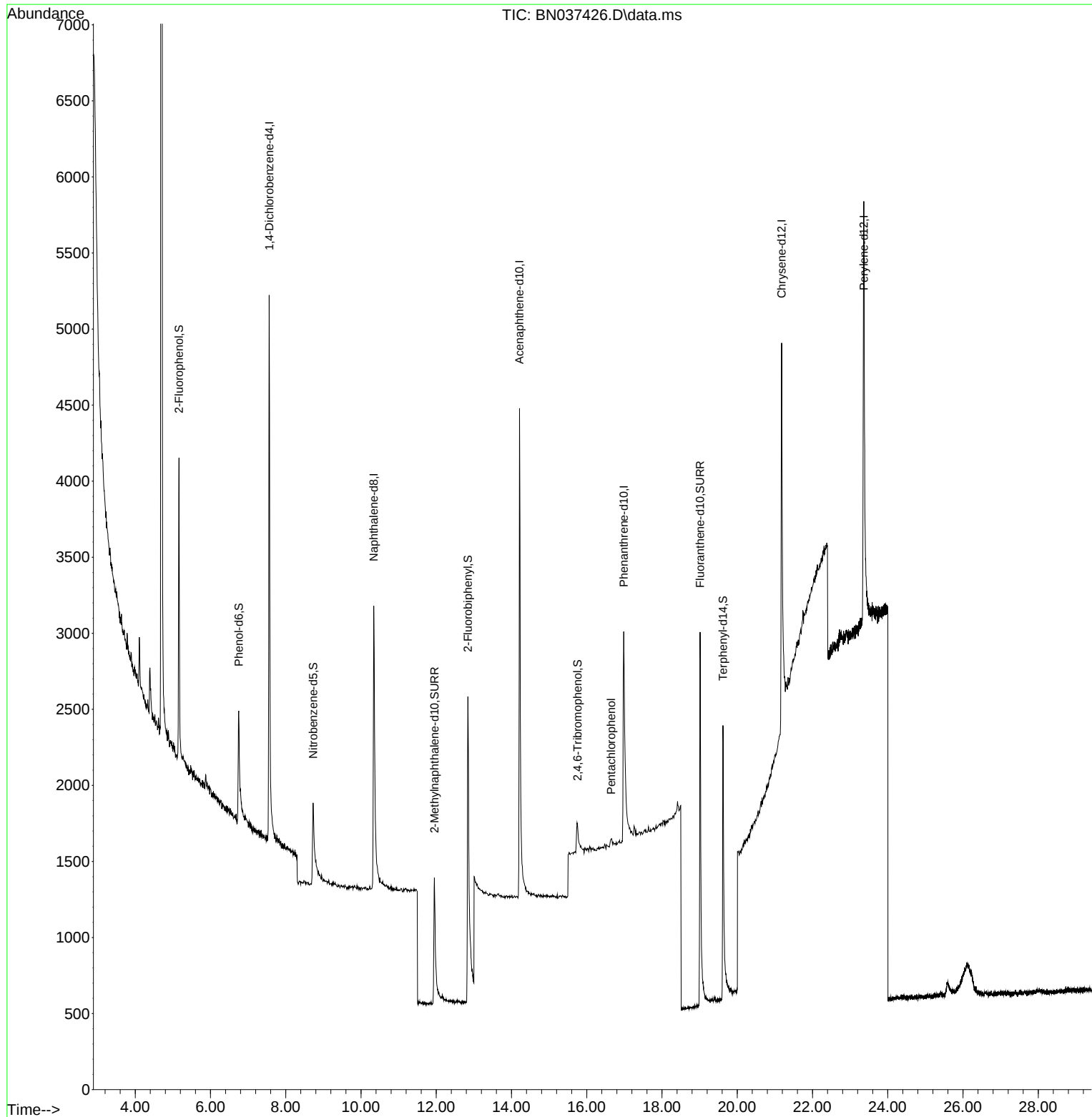
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	2320	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	4227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2645	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4386	0.400	ng	0.02
29) Chrysene-d12	21.180	240	4580	0.400	ng	# 0.02
35) Perylene-d12	23.363	264	5125	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	1749	0.391	ng	0.00
5) Phenol-d6	6.752	99	1348	0.291	ng	0.00
8) Nitrobenzene-d5	8.728	82	1069	0.316	ng	0.01
11) 2-Methylnaphthalene-d10	11.950	152	2261	0.346	ng	0.01
14) 2,4,6-Tribromophenol	15.755	330	271	0.175	ng	0.04
15) 2-Fluorobiphenyl	12.843	172	3955	0.346	ng	0.01
27) Fluoranthene-d10	19.012	212	5037	0.401	ng	0.00
31) Terphenyl-d14	19.621	244	3702	0.379	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.649	266	74	0.041	ng	Qvalue 99

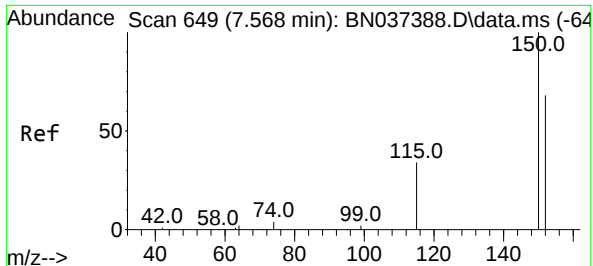
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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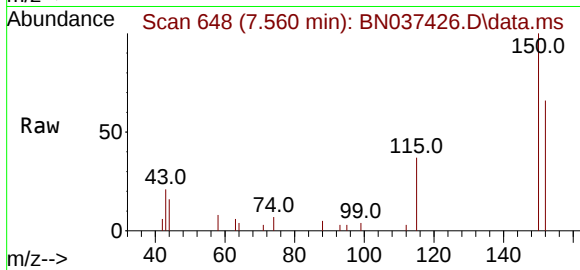
Quant Time: Jul 02 15:26:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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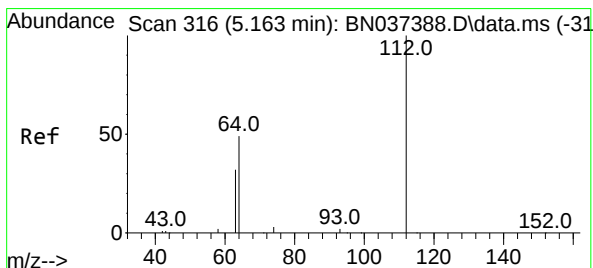
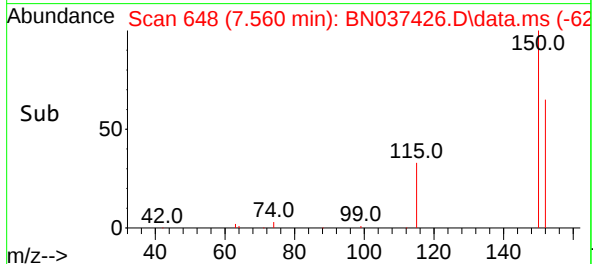
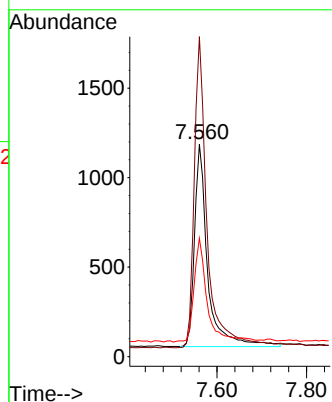


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.560 min Scan# 649
Delta R.T. -0.008 min
Lab File: BN037426.D
Acq: 02 Jul 2025 15:01

Instrument :
BNA_N
ClientSampleId :
PB168695BL

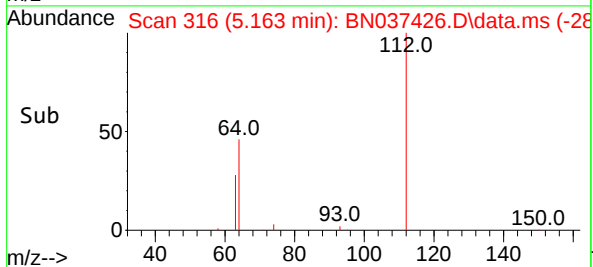
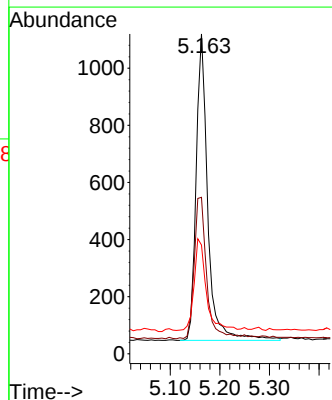
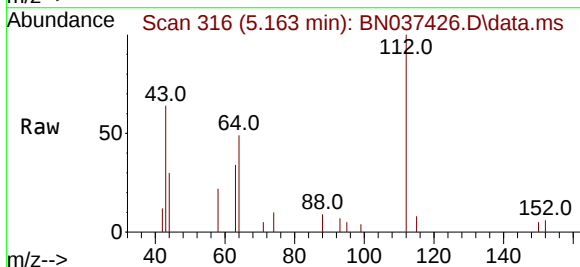


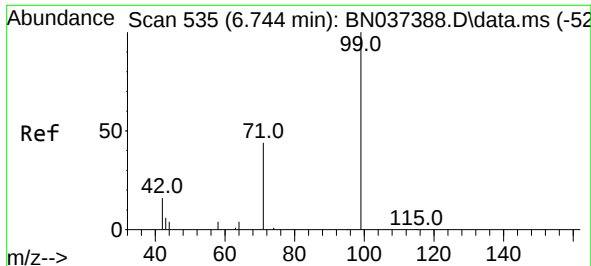
Tgt Ion:152 Resp: 2320
Ion Ratio Lower Upper
152 100
150 150.5 116.2 174.2
115 55.6 42.9 64.3



#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037426.D
Acq: 02 Jul 2025 15:01

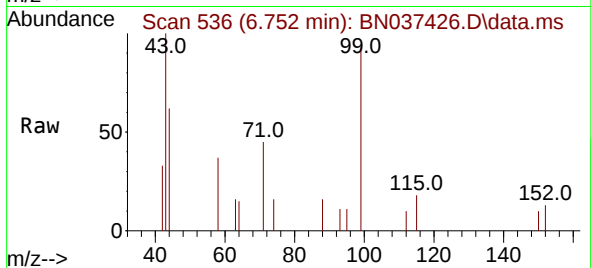
Tgt Ion:112 Resp: 1749
Ion Ratio Lower Upper
112 100
64 49.1 40.3 60.5
63 31.9 26.1 39.1



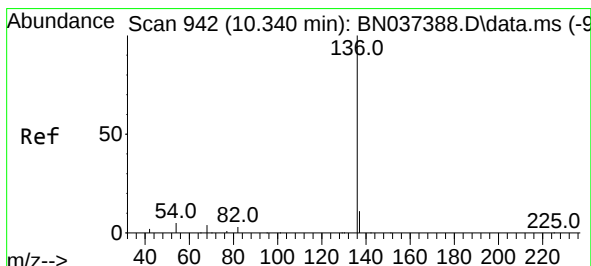
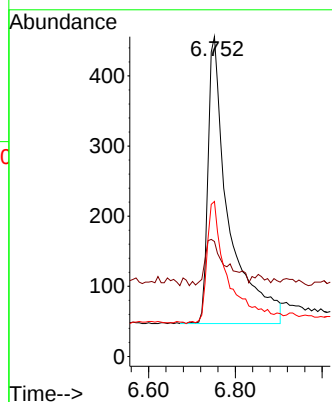
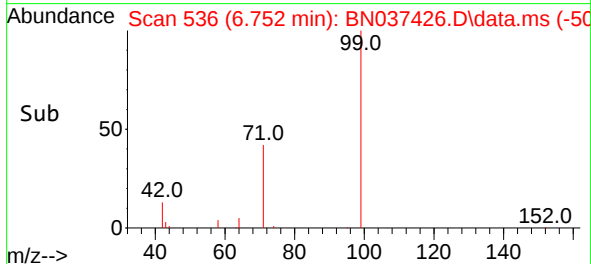


#5
Phenol-d6
Concen: 0.291 ng
RT: 6.752 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN037426.D
Acq: 02 Jul 2025 15:01

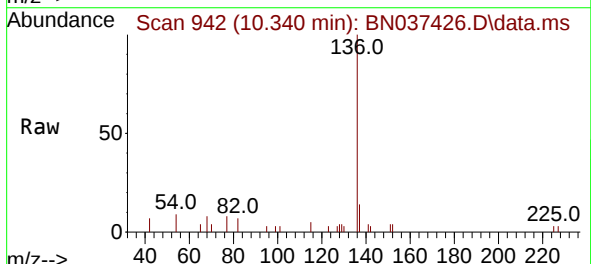
Instrument :
BNA_N
ClientSampleId :
PB168695BL



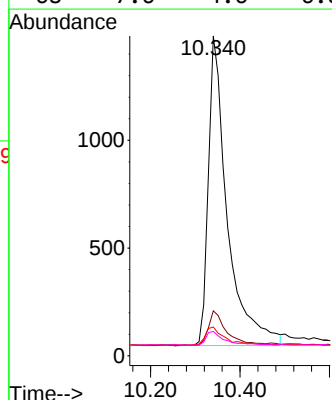
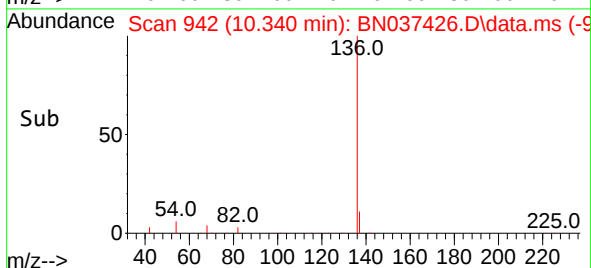
Tgt Ion:	99	Resp:	1348
Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.6	23.4
71	43.4	35.8	53.8

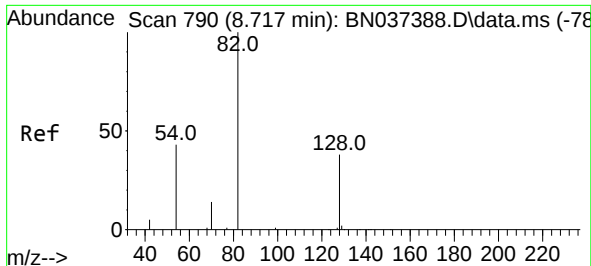


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN037426.D
Acq: 02 Jul 2025 15:01



Tgt Ion:	136	Resp:	4227
Ion	Ratio	Lower	Upper
136	100		
137	14.1	10.4	15.6
54	9.0	5.6	8.4#
68	7.6	4.6	6.8#

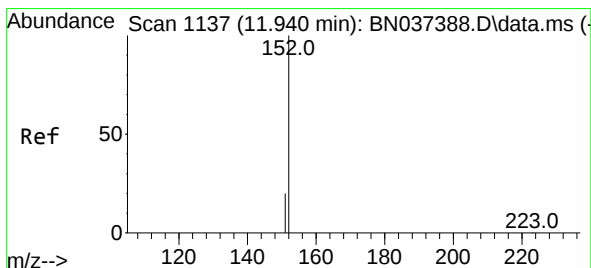
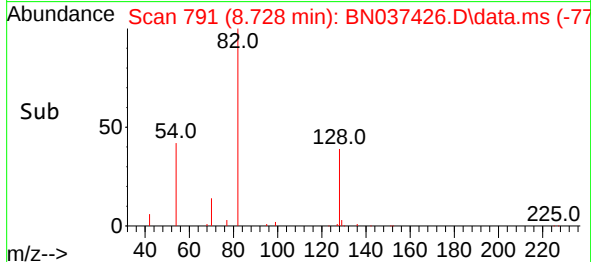
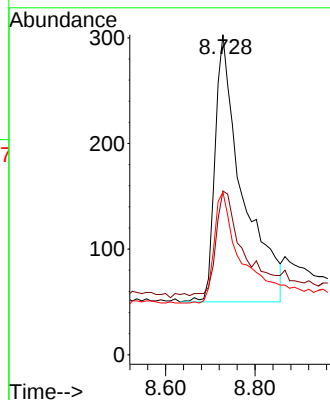
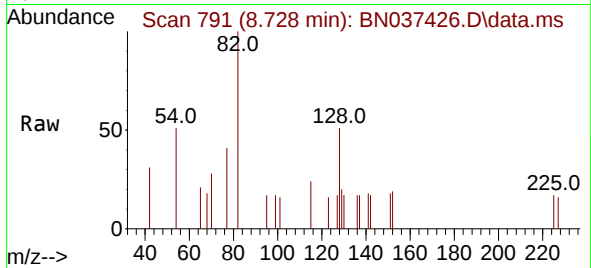




#8
 Nitrobenzene-d5
 Concen: 0.316 ng
 RT: 8.728 min Scan# 791
 Delta R.T. 0.011 min
 Lab File: BN037426.D
 Acq: 02 Jul 2025 15:01

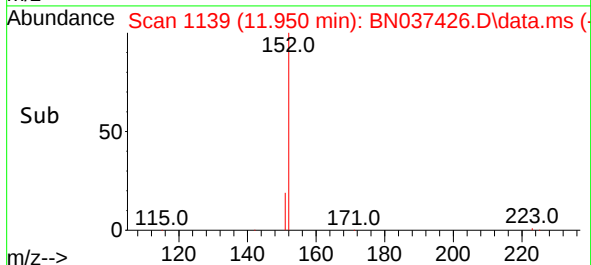
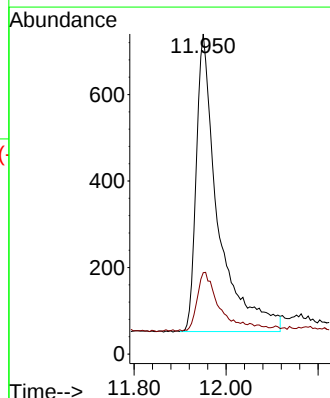
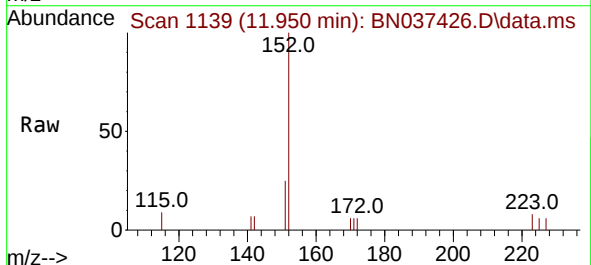
Instrument :
 BNA_N
 ClientSampleId :
 PB168695BL

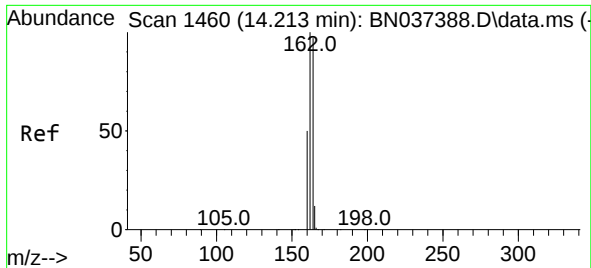
Tgt Ion: 82 Resp: 1069
 Ion Ratio Lower Upper
 82 100
 128 51.2 34.0 51.0#
 54 50.8 37.7 56.5



#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 11.950 min Scan# 1139
 Delta R.T. 0.010 min
 Lab File: BN037426.D
 Acq: 02 Jul 2025 15:01

Tgt Ion: 152 Resp: 2261
 Ion Ratio Lower Upper
 152 100
 151 19.5 18.4 27.6

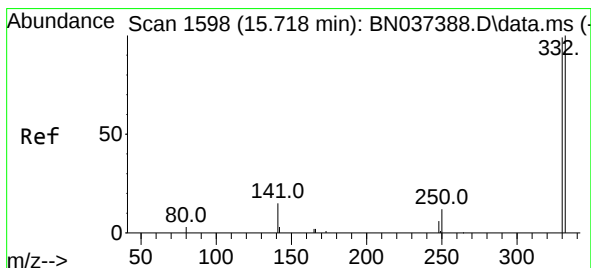
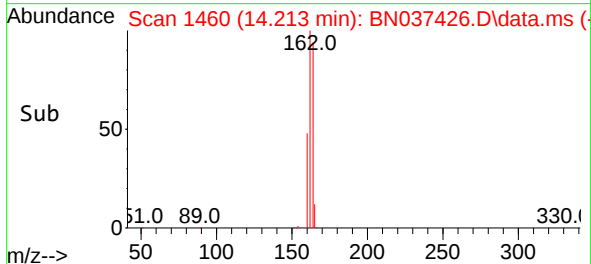
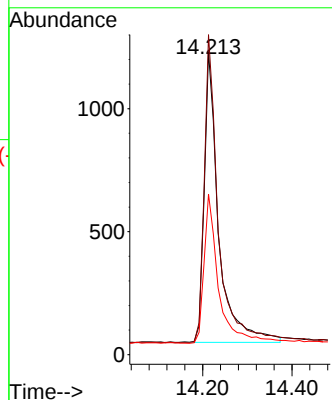
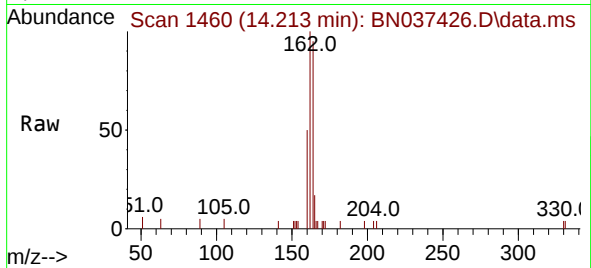




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037426.D
Acq: 02 Jul 2025 15:01

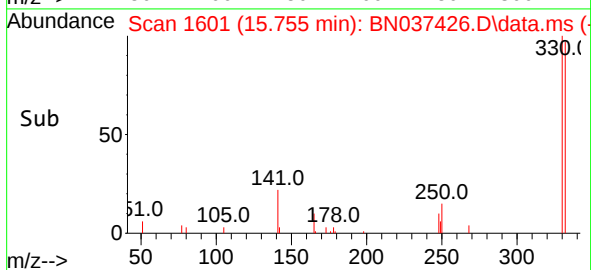
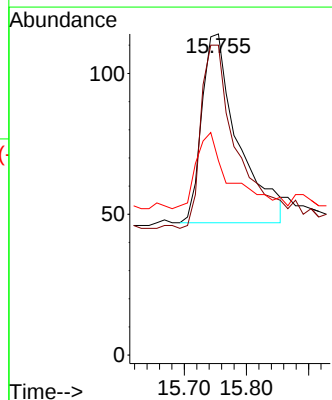
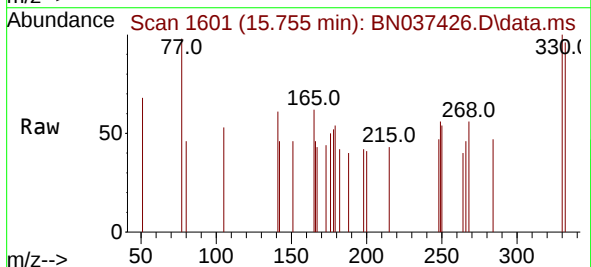
Instrument :
BNA_N
ClientSampleId :
PB168695BL

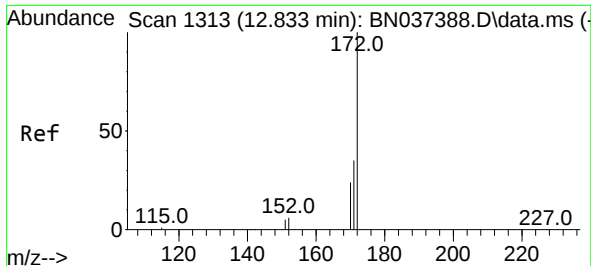
Tgt Ion:164 Resp: 2645
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 53.1 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.175 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.037 min
Lab File: BN037426.D
Acq: 02 Jul 2025 15:01

Tgt Ion:330 Resp: 271
Ion Ratio Lower Upper
330 100
332 100.4 77.8 116.8
141 40.2 24.0 36.0#

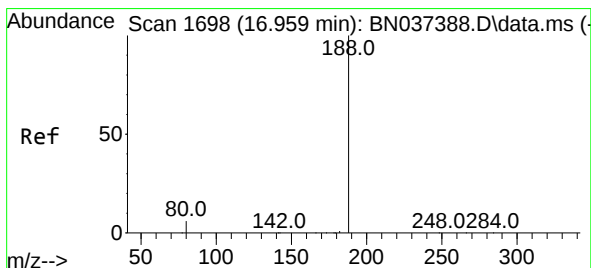
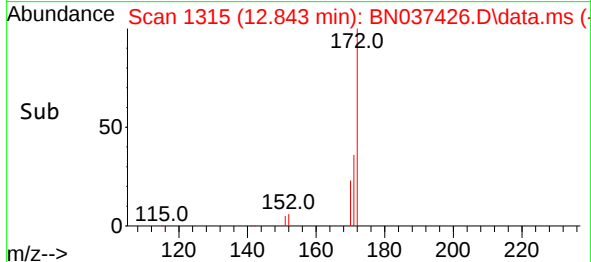
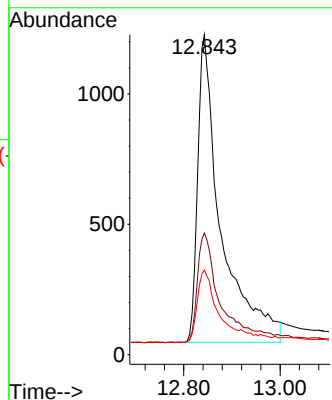
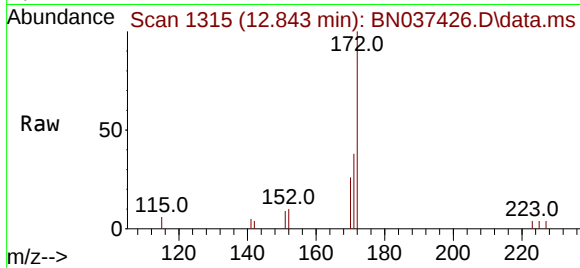




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.843 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN037426.D
Acq: 02 Jul 2025 15:01

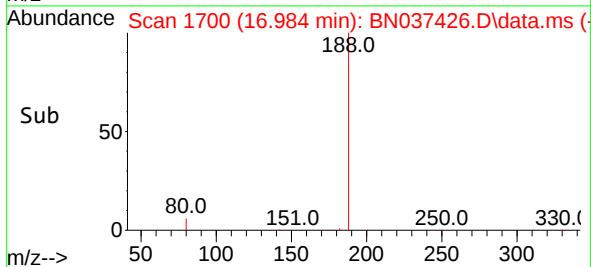
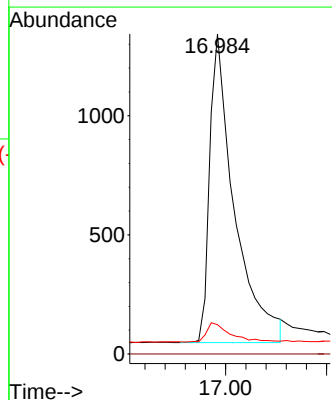
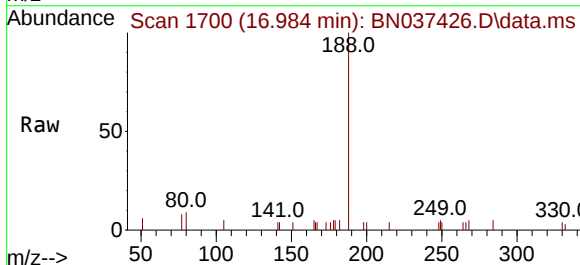
Instrument :
BNA_N
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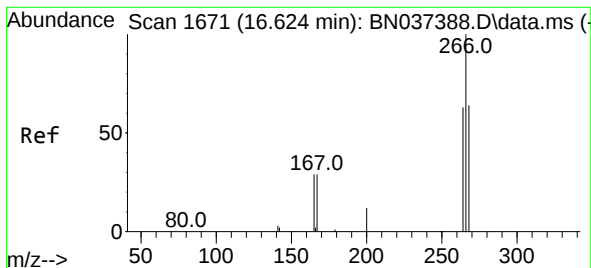
Tgt Ion:172 Resp: 3955
Ion Ratio Lower Upper
172 100
171 38.1 28.8 43.2
170 26.5 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.025 min
Lab File: BN037426.D
Acq: 02 Jul 2025 15:01

Tgt Ion:188 Resp: 4386
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 6.2 9.4





#24

Pentachlorophenol

Concen: 0.041 ng

RT: 16.649 min Scan# 1

Delta R.T. 0.025 min

Lab File: BN037426.D

Acq: 02 Jul 2025 15:01

Instrument :

BNA_N

ClientSampleId :

PB168695BL

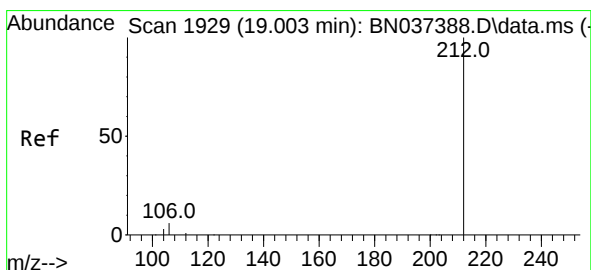
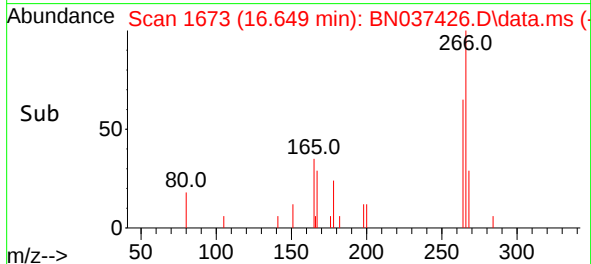
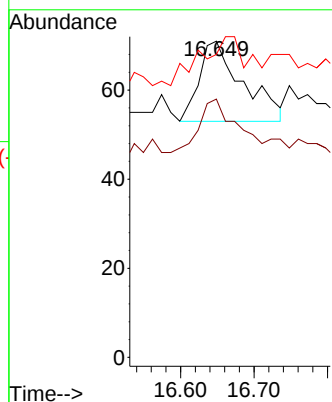
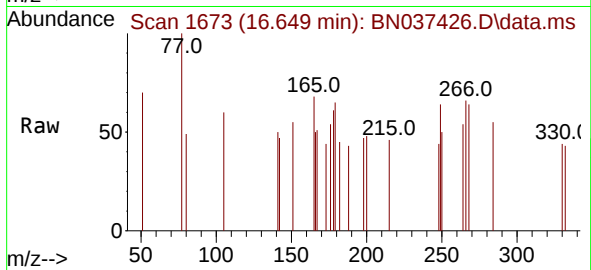
Tgt Ion:266 Resp: 74

Ion Ratio Lower Upper

266 100

264 63.5 49.2 73.8

268 67.6 54.2 81.4



#27

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.012 min Scan# 1931

Delta R.T. 0.009 min

Lab File: BN037426.D

Acq: 02 Jul 2025 15:01

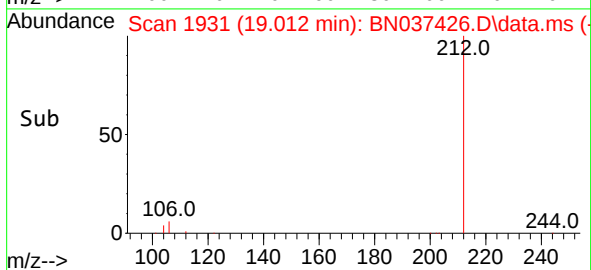
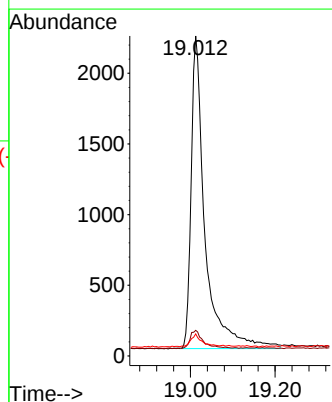
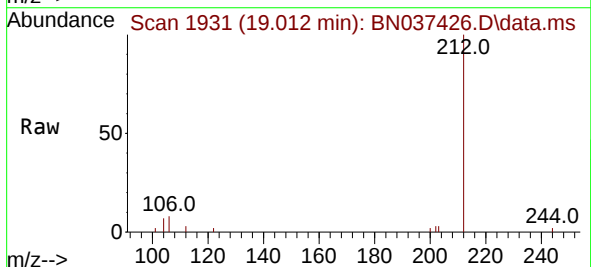
Tgt Ion:212 Resp: 5037

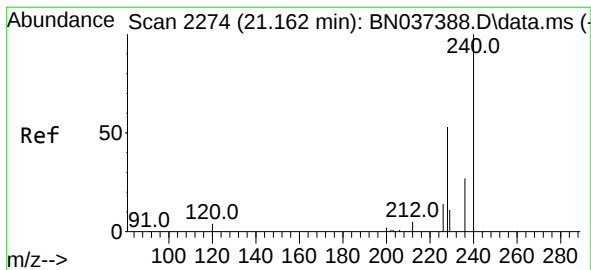
Ion Ratio Lower Upper

212 100

106 5.6 4.5 6.7

104 3.1 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.180 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN037426.D

Acq: 02 Jul 2025 15:01

Instrument :

BNA_N

ClientSampleId :

PB168695BL

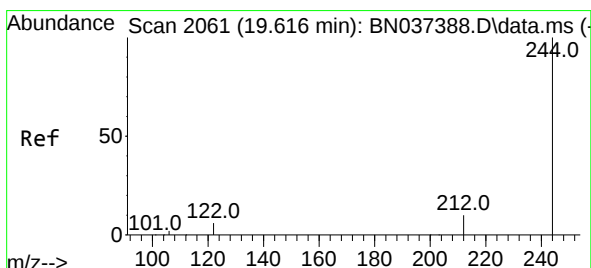
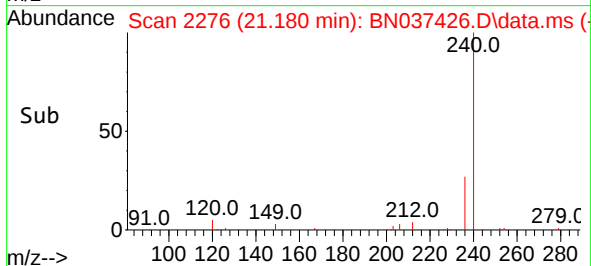
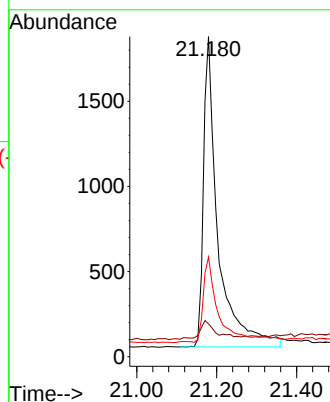
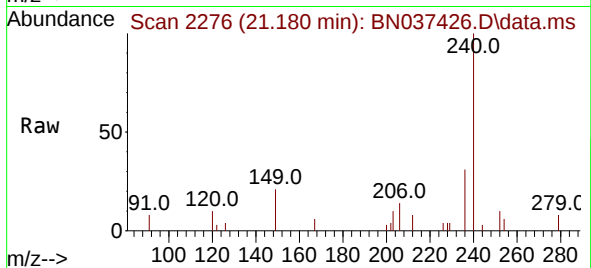
Tgt Ion:240 Resp: 4580

Ion Ratio Lower Upper

240 100

120 10.3 5.3 7.9#

236 31.2 22.7 34.1



#31

Terphenyl-d14

Concen: 0.379 ng

RT: 19.621 min Scan# 2062

Delta R.T. 0.005 min

Lab File: BN037426.D

Acq: 02 Jul 2025 15:01

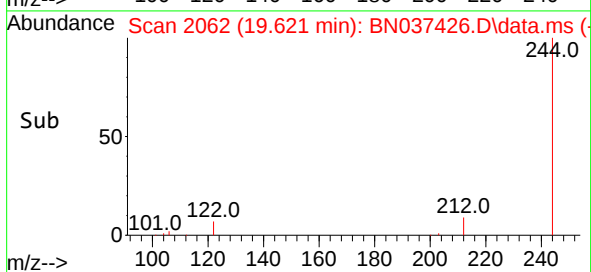
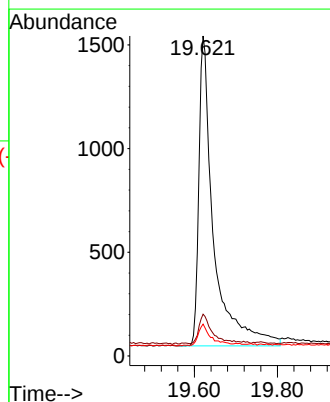
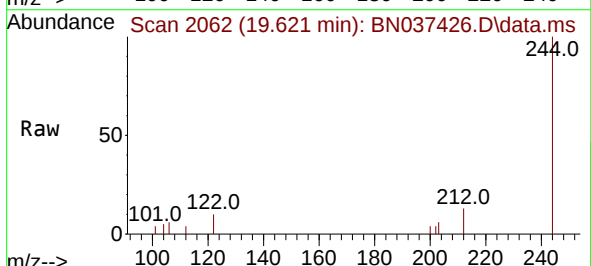
Tgt Ion:244 Resp: 3702

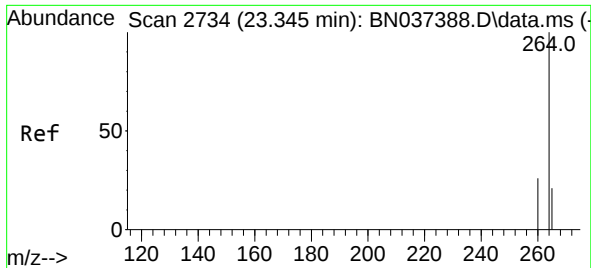
Ion Ratio Lower Upper

244 100

212 13.1 9.1 13.7

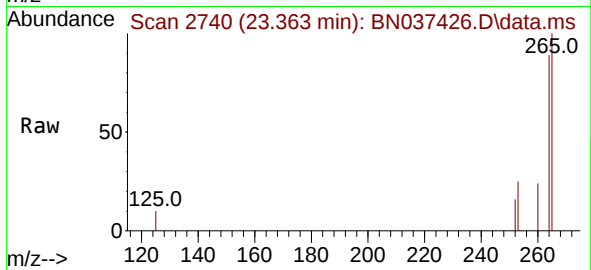
122 10.0 6.3 9.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.363 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN037426.D
 Acq: 02 Jul 2025 15:01

Instrument :
 BNA_N
 ClientSampleId :
 PB168695BL



Tgt Ion:264 Resp: 5125
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.4 32.0
 265 112.8 56.2 84.4#

