

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040825\
 Data File : BN036860.D
 Acq On : 08 Apr 2025 13:45
 Operator : RC/JU
 Sample : Q1502-08DL 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Apr 08 14:18:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

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

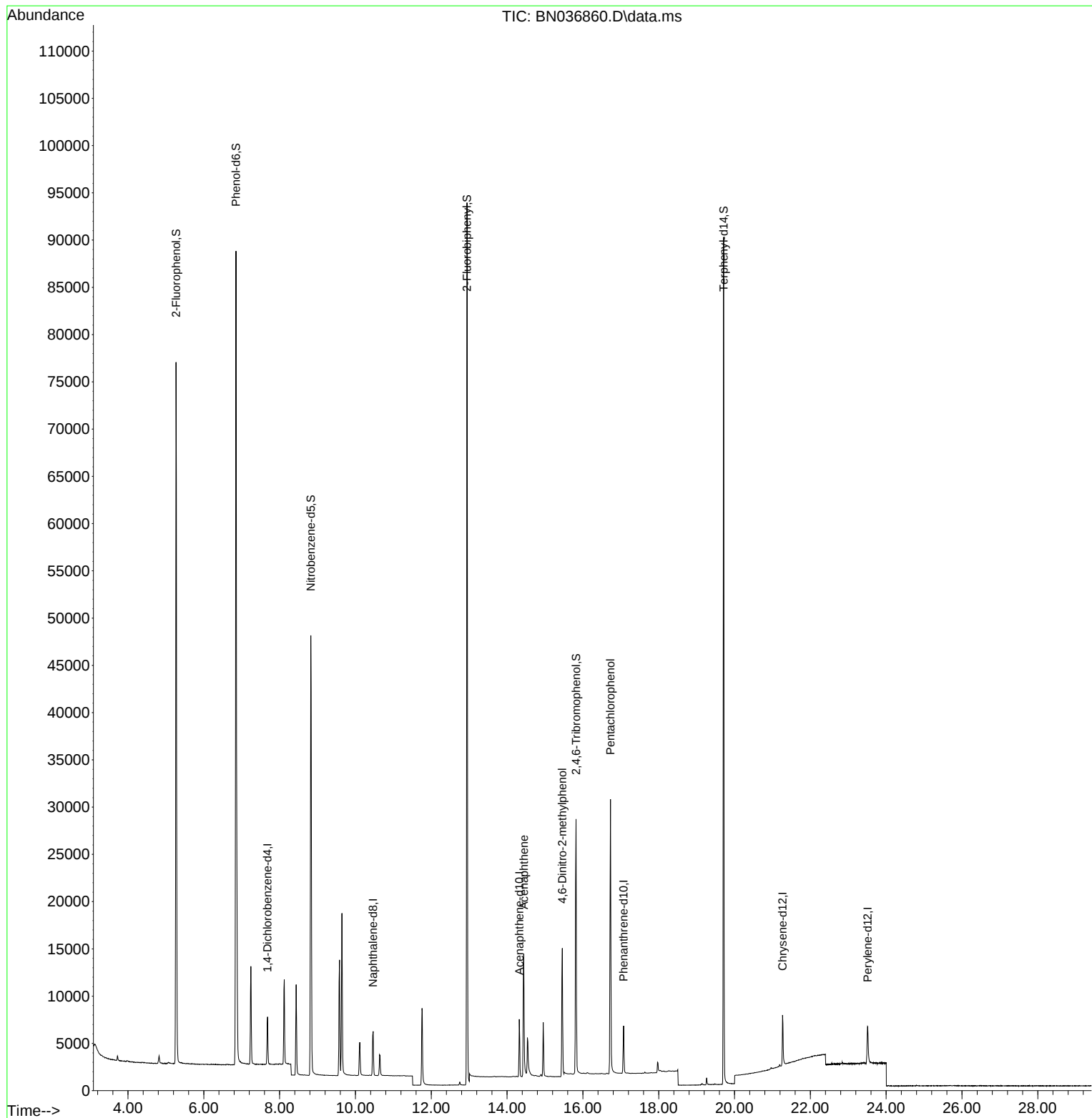
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	2403	0.400	ng	0.00
7) Naphthalene-d8	10.466	136	6100	0.400	ng	#-0.01
13) Acenaphthene-d10	14.323	164	3298	0.400	ng	-0.01
19) Phenanthrene-d10	17.074	188	6675	0.400	ng	0.00
29) Chrysene-d12	21.268	240	5848	0.400	ng	0.00
35) Perylene-d12	23.510	264	6053	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.269	112	52744	9.418	ng	-0.01
5) Phenol-d6	6.850	99	67535	9.763	ng	-0.01
8) Nitrobenzene-d5	8.822	82	36163	5.450	ng	-0.02
11) 2-Methylnaphthalene-d10	12.187	152	5	0.001	ng	0.12
14) 2,4,6-Tribromophenol	15.820	330	13829	9.241	ng	-0.01
15) 2-Fluorobiphenyl	12.942	172	101987	5.316	ng	-0.02
27) Fluoranthene-d10	19.113	212	16	0.001	ng	0.00
31) Terphenyl-d14	19.712	244	83257	5.942	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.441	154	8128	0.798	ng	# 3
20) 4,6-Dinitro-2-methylph...	15.457	198	9388	5.007	ng	# 50
24) Pentachlorophenol	16.726	266	12444	5.404	ng	99

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

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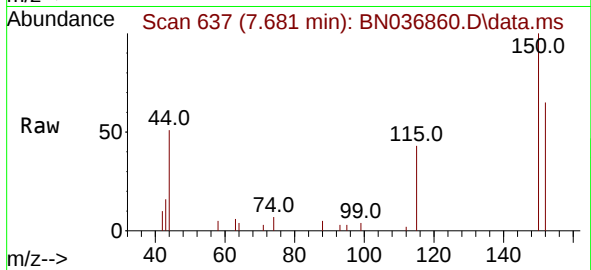
Quant Time: Apr 08 14:18:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration



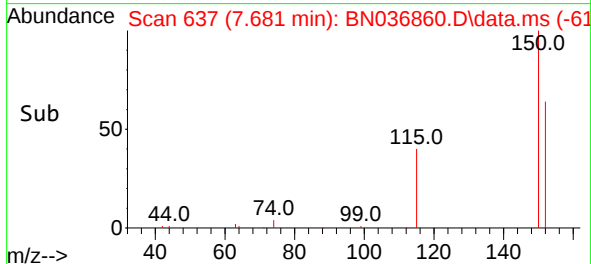
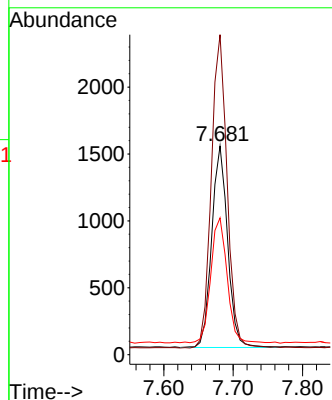


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.681 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

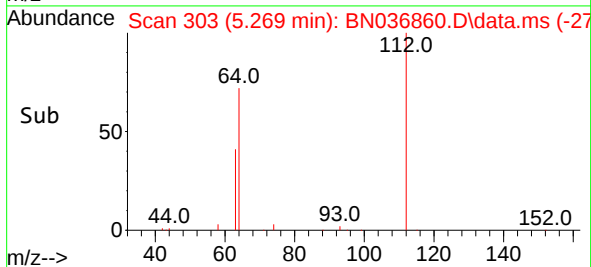
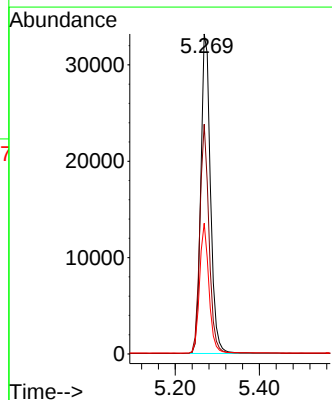
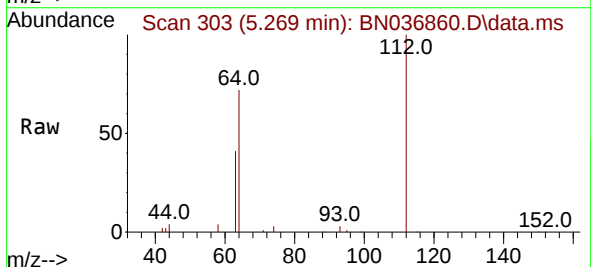


Tgt Ion:152 Resp: 2403
Ion Ratio Lower Upper
152 100
150 153.3 123.7 185.5
115 65.6 54.3 81.5



#4
2-Fluorophenol
Concen: 9.418 ng
RT: 5.269 min Scan# 303
Delta R.T. -0.015 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

Tgt Ion:112 Resp: 52744
Ion Ratio Lower Upper
112 100
64 68.8 53.1 79.7
63 39.2 31.8 47.8

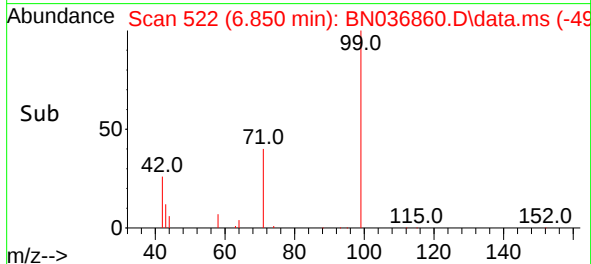
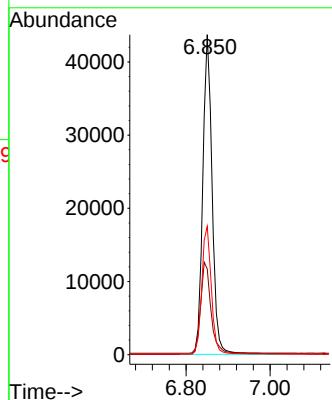
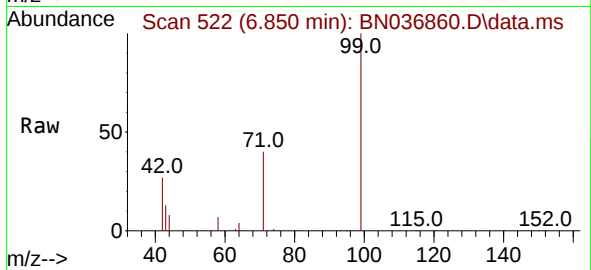




#5
Phenol-d6
Concen: 9.763 ng
RT: 6.850 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

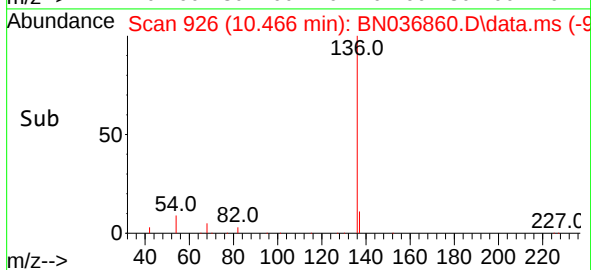
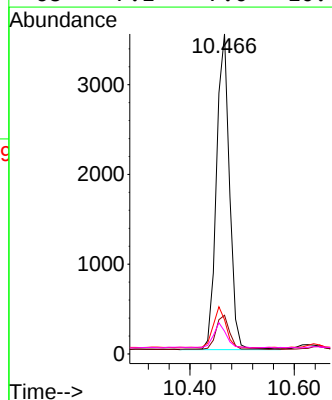
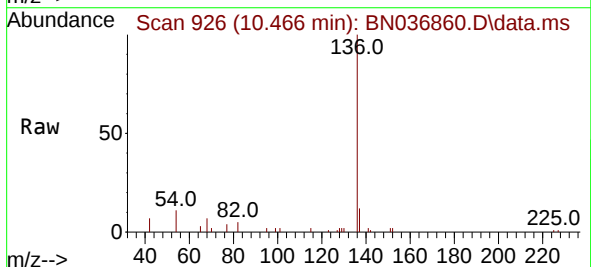
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 99 Resp: 67535
Ion Ratio Lower Upper
99 100
42 30.9 26.5 39.7
71 41.1 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.466 min Scan# 926
Delta R.T. -0.011 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

Tgt Ion: 136 Resp: 6100
Ion Ratio Lower Upper
136 100
137 12.1 10.3 15.5
54 10.7 11.5 17.3#
68 7.1 7.0 10.4

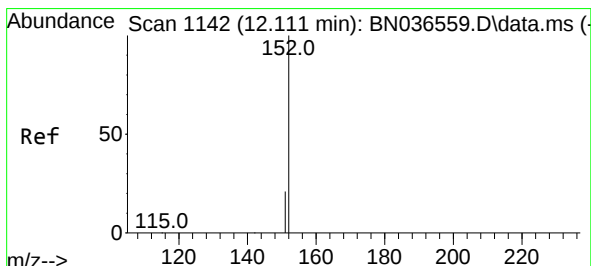
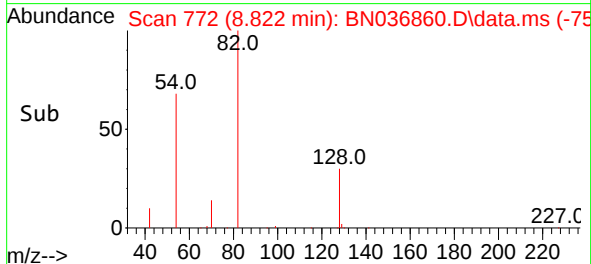
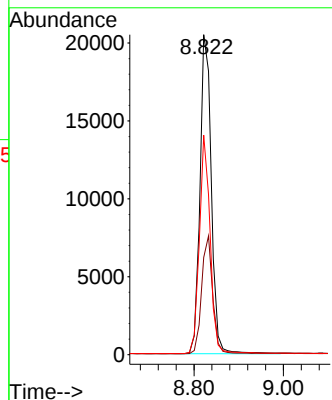
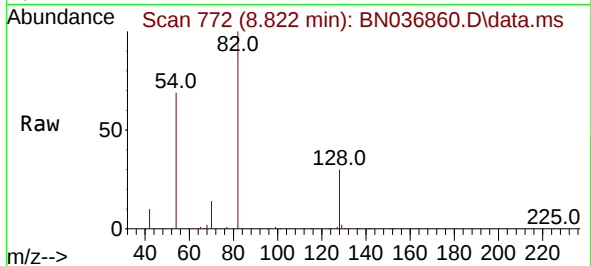




#8
 Nitrobenzene-d5
 Concen: 5.450 ng
 RT: 8.822 min Scan# 71
 Delta R.T. -0.022 min
 Lab File: BN036860.D
 Acq: 08 Apr 2025 13:45

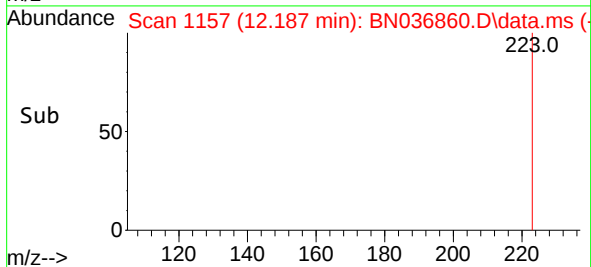
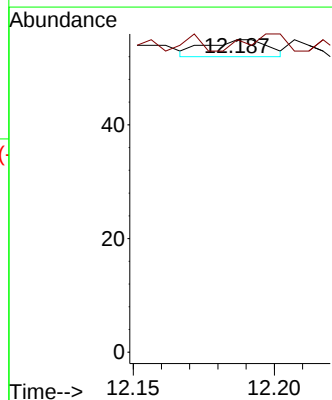
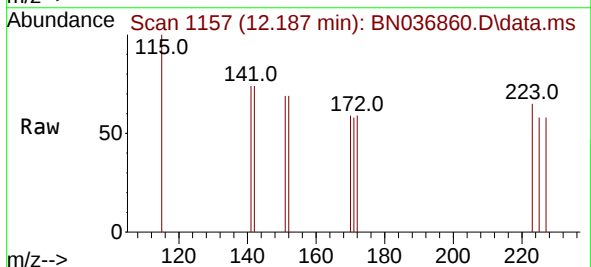
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 ClientSampleId :
 PT-ACIDS-WPDL

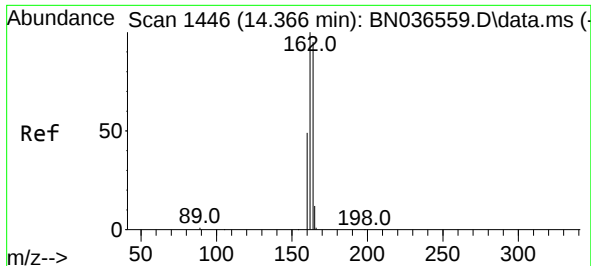
Tgt Ion: 82 Resp: 36163
 Ion Ratio Lower Upper
 82 100
 128 30.4 30.6 45.8#
 54 68.6 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.001 ng
 RT: 12.187 min Scan# 1157
 Delta R.T. 0.116 min
 Lab File: BN036860.D
 Acq: 08 Apr 2025 13:45

Tgt Ion:152 Resp: 5
 Ion Ratio Lower Upper
 152 100
 151 20.0 17.0 25.6

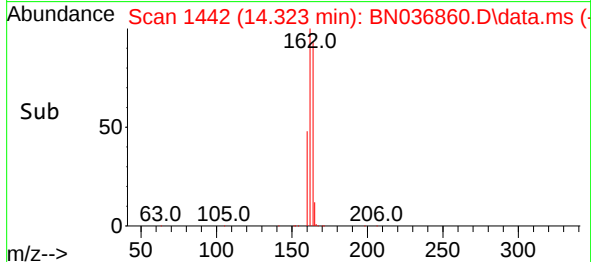
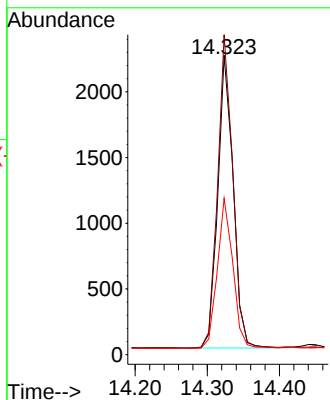
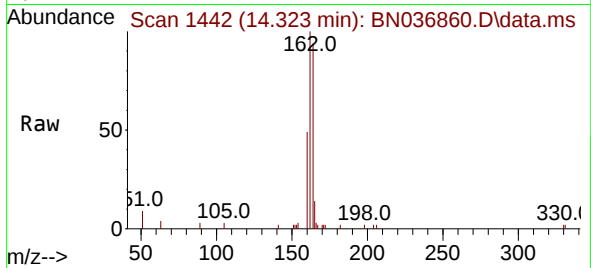




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.323 min Scan# 1442
 Delta R.T. -0.011 min
 Lab File: BN036860.D
 Acq: 08 Apr 2025 13:45

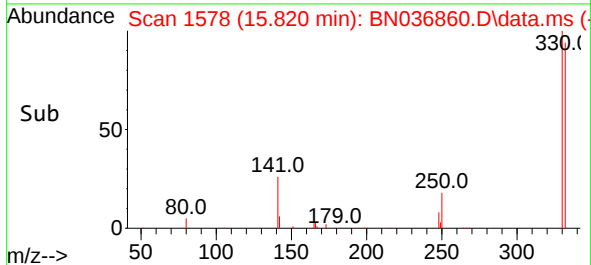
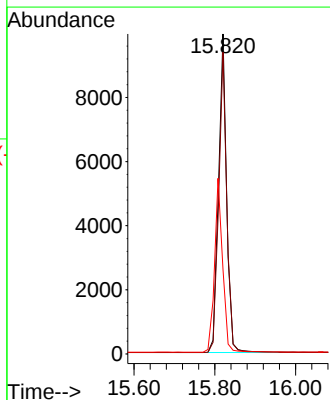
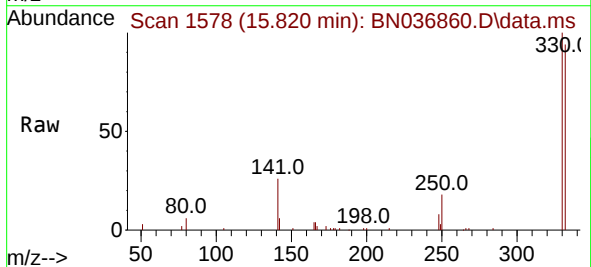
Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL

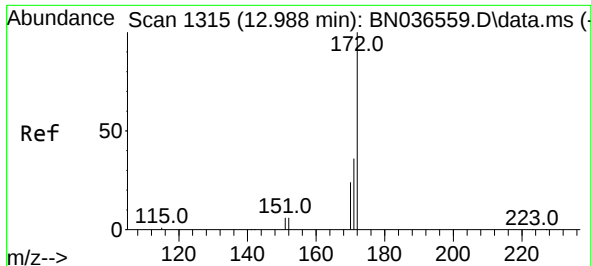
Tgt Ion:164 Resp: 3298
 Ion Ratio Lower Upper
 164 100
 162 106.9 84.2 126.2
 160 52.2 42.2 63.2



#14
 2,4,6-Tribromophenol
 Concen: 9.241 ng
 RT: 15.820 min Scan# 1578
 Delta R.T. -0.013 min
 Lab File: BN036860.D
 Acq: 08 Apr 2025 13:45

Tgt Ion:330 Resp: 13829
 Ion Ratio Lower Upper
 330 100
 332 94.2 75.2 112.8
 141 54.8 43.4 65.2

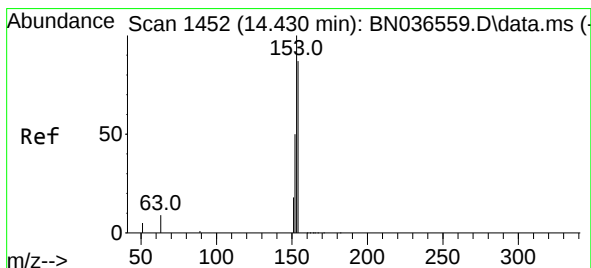
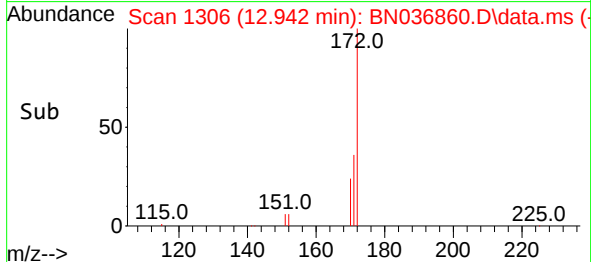
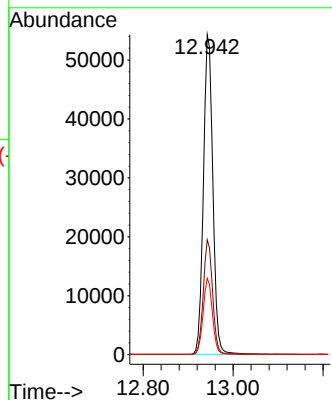
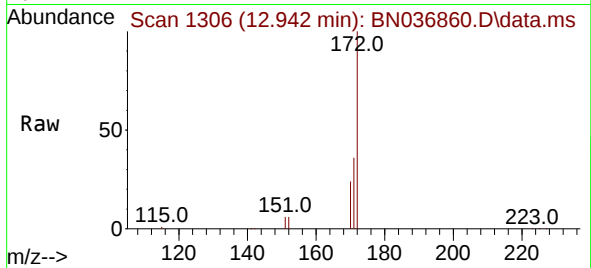




#15
2-Fluorobiphenyl
Concen: 5.316 ng
RT: 12.942 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

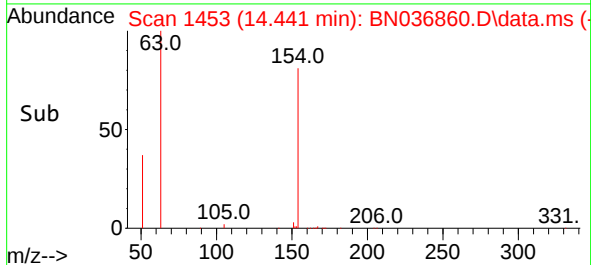
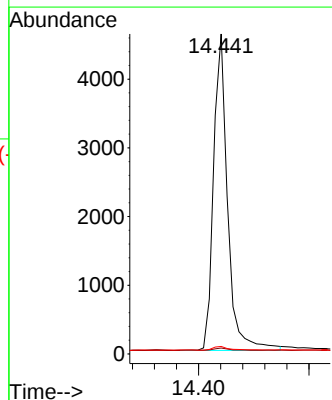
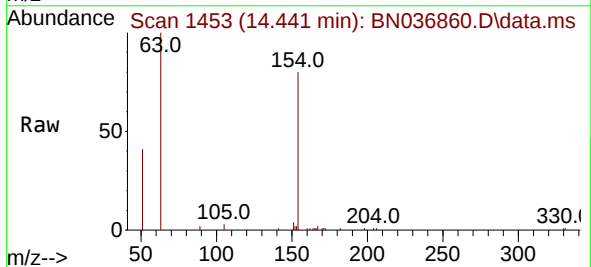
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BNA_N
ClientSampleId :
PT-ACIDS-WPDL

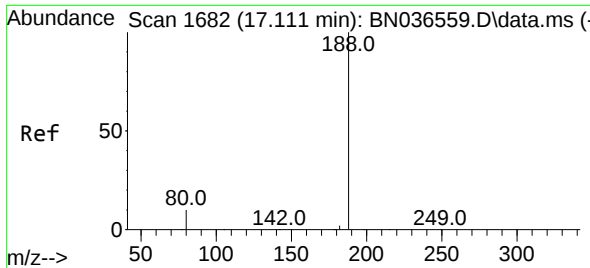
Tgt Ion:172 Resp: 101987
Ion Ratio Lower Upper
172 100
171 35.9 29.5 44.3
170 23.9 20.2 30.4



#17
Acenaphthene
Concen: 0.798 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.043 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

Tgt Ion:154 Resp: 8128
Ion Ratio Lower Upper
154 100
153 0.8 94.1 141.1#
152 1.4 49.8 74.6#

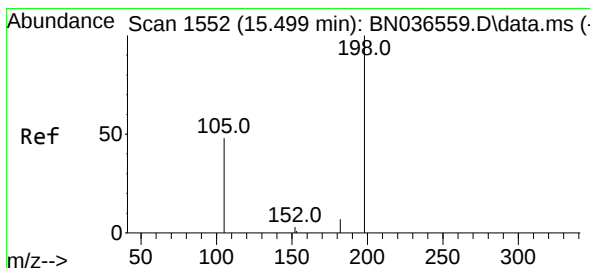
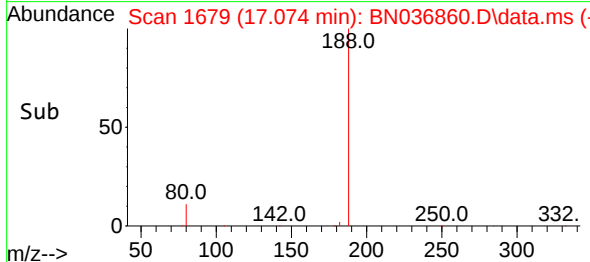
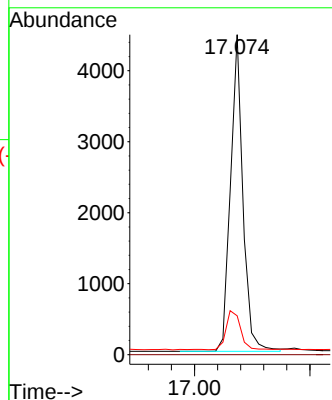
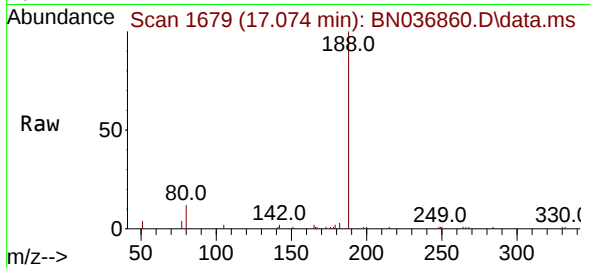




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

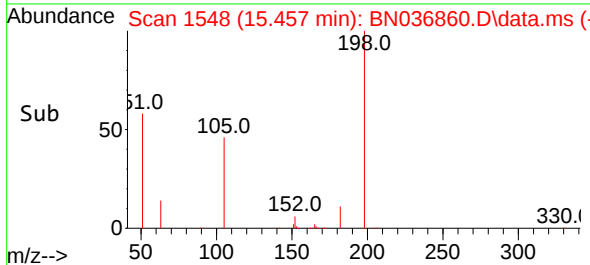
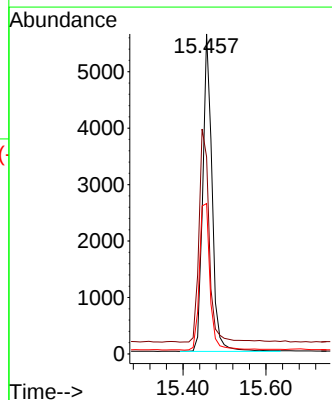
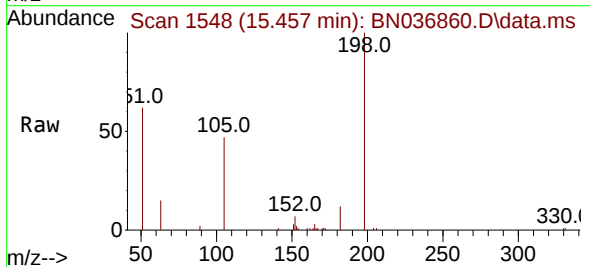
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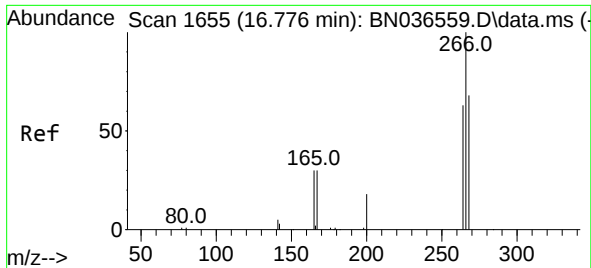
Tgt Ion:188 Resp: 6675
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 5.007 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.022 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

Tgt Ion:198 Resp: 9388
Ion Ratio Lower Upper
198 100
51 61.5 107.9 161.9#
105 47.0 56.2 84.2#

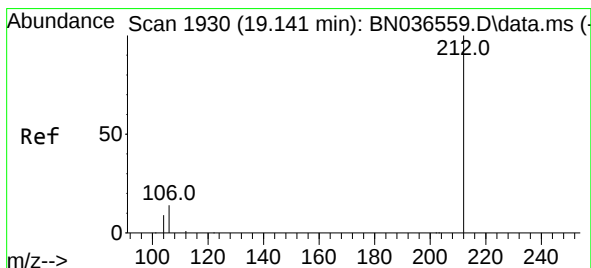
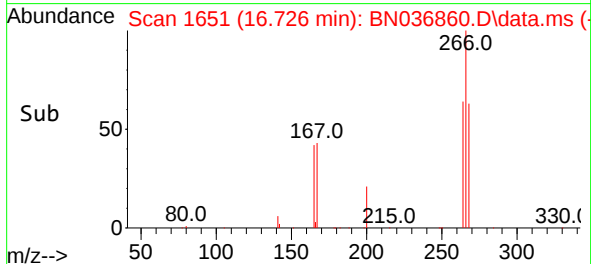
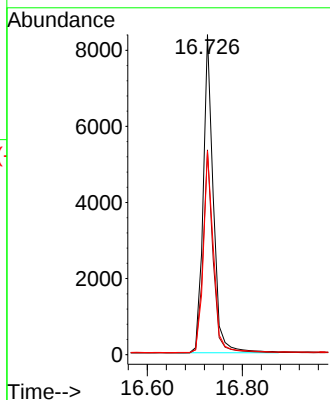
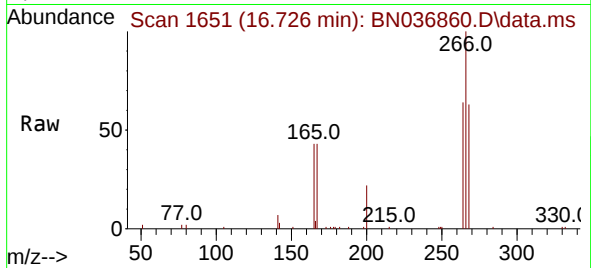




#24
 Pentachlorophenol
 Concen: 5.404 ng
 RT: 16.726 min Scan# 1651
 Delta R.T. -0.013 min
 Lab File: BN036860.D
 Acq: 08 Apr 2025 13:45

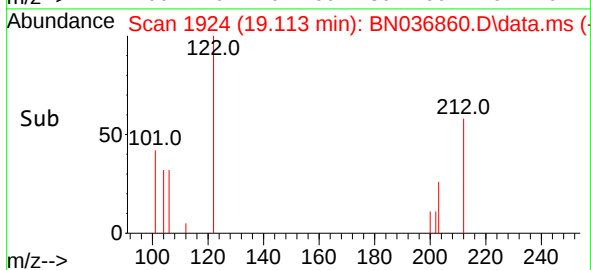
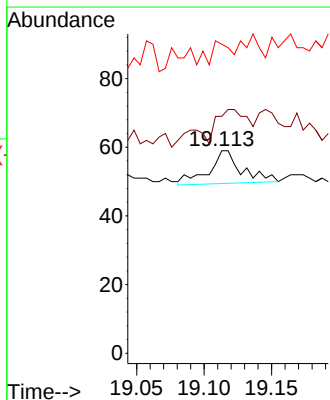
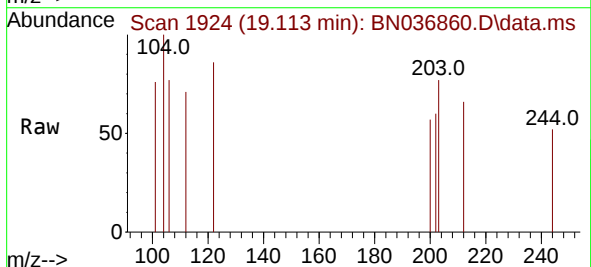
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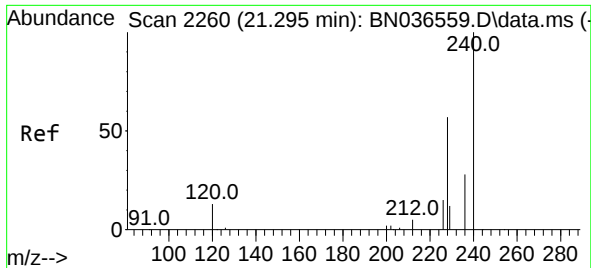
Tgt Ion:266 Resp: 12444
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.6 74.4
 268 63.6 50.9 76.3



#27
 Fluoranthene-d10
 Concen: 0.001 ng
 RT: 19.113 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BN036860.D
 Acq: 08 Apr 2025 13:45

Tgt Ion:212 Resp: 16
 Ion Ratio Lower Upper
 212 100
 106 100.0 11.8 17.6#
 104 37.5 7.3 10.9#

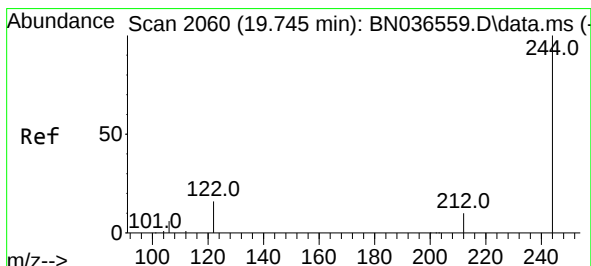
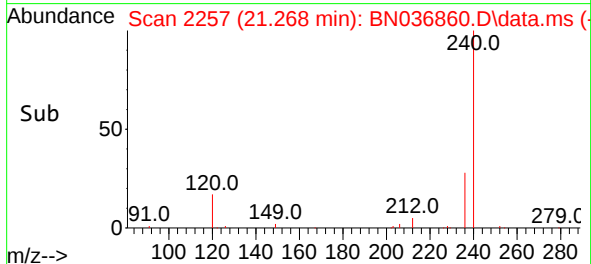
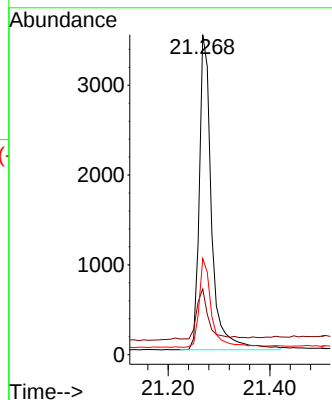
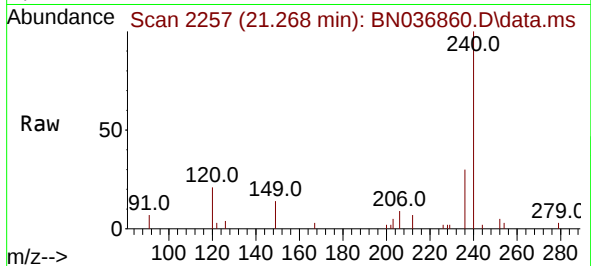




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

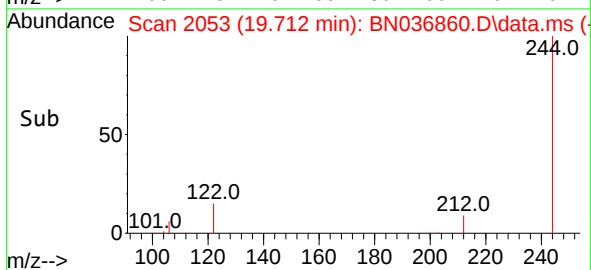
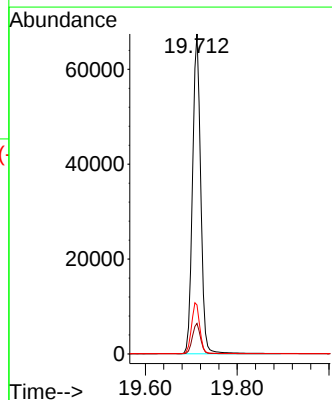
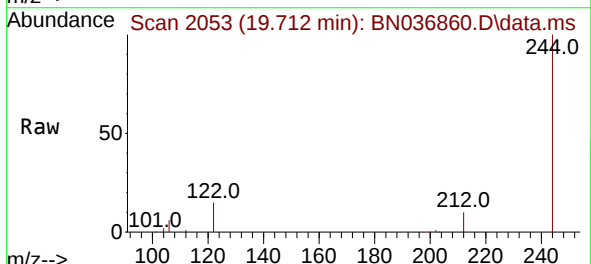
Instrument :
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ClientSampleId :
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Tgt Ion:240 Resp: 5848
Ion Ratio Lower Upper
240 100
120 20.5 14.6 22.0
236 30.1 24.1 36.1



#31
Terphenyl-d14
Concen: 5.942 ng
RT: 19.712 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BN036860.D
Acq: 08 Apr 2025 13:45

Tgt Ion:244 Resp: 83257
Ion Ratio Lower Upper
244 100
212 9.5 9.6 14.4#
122 15.3 13.9 20.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.510 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036860.D

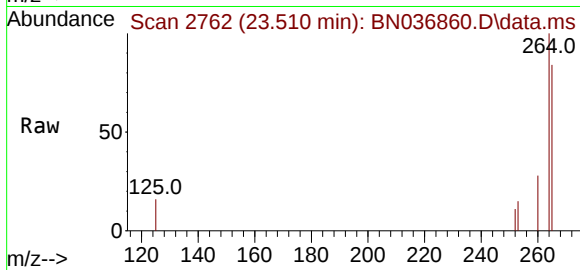
Acq: 08 Apr 2025 13:45

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL



Tgt Ion:264 Resp: 6053

Ion Ratio Lower Upper

264 100

260 27.6 22.6 33.8

265 83.7 88.1 132.1#

