

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040825\
 Data File : BN036859.D
 Acq On : 08 Apr 2025 12:15
 Operator : RC/JU
 Sample : Q1502-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Apr 08 13:09:15 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)

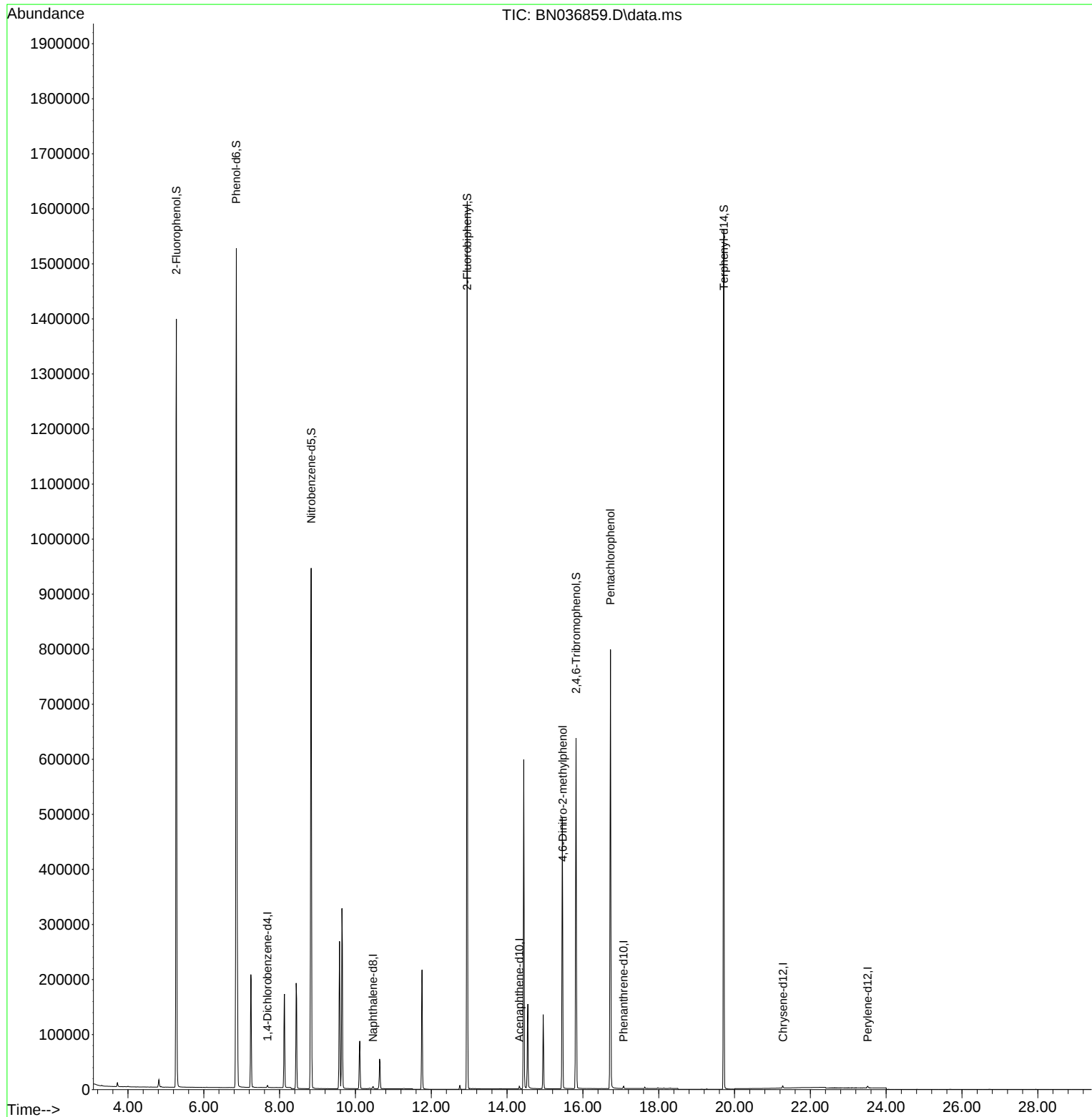
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	1771	0.400	ng	0.00
7) Naphthalene-d8	10.466	136	4794	0.400	ng	-0.01
13) Acenaphthene-d10	14.323	164	2600	0.400	ng	-0.01
19) Phenanthrene-d10	17.074	188	5221	0.400	ng	# 0.00
29) Chrysene-d12	21.277	240	4684	0.400	ng	0.00
35) Perylene-d12	23.510	264	4839	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.276	112	938106	227.293	ng	0.00
5) Phenol-d6	6.858	99	1246849	244.561	ng	0.00
8) Nitrobenzene-d5	8.833	82	685653	131.474	ng	-0.01
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.820	330	300599	254.789	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	1654346	109.377	ng	-0.01
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.717	244	1470350	131.020	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.467	198	312508	74.558	ng	# 19
24) Pentachlorophenol	16.727	266	307040	170.474	ng	99

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

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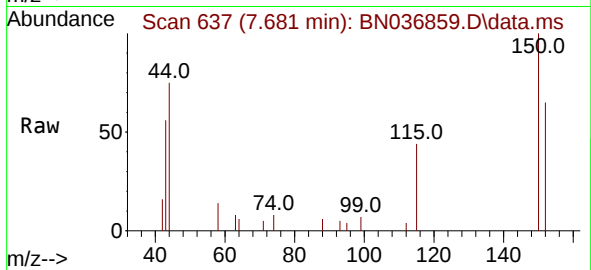
Quant Time: Apr 08 13:09:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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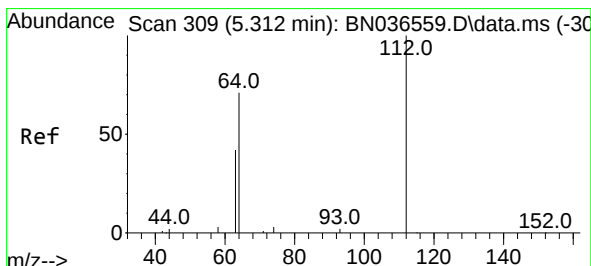
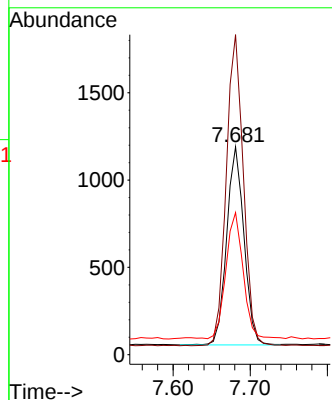
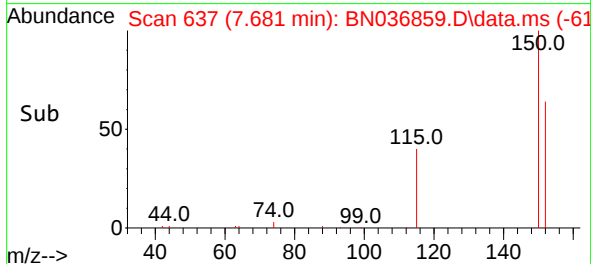


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.681 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN036859.D
Acq: 08 Apr 2025 12:15

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

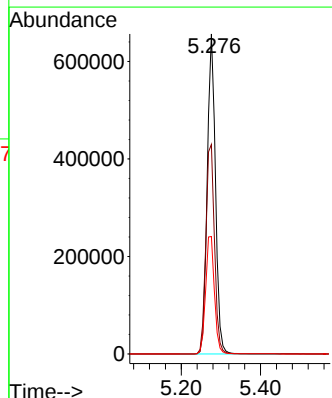
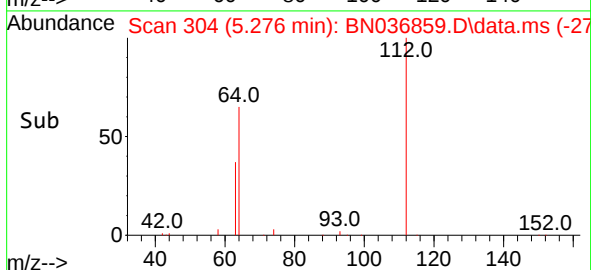
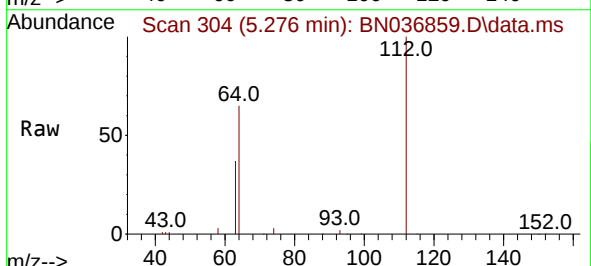


Tgt Ion:152 Resp: 1771
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 68.3 54.3 81.5



#4
2-Fluorophenol
Concen: 227.293 ng
RT: 5.276 min Scan# 304
Delta R.T. -0.007 min
Lab File: BN036859.D
Acq: 08 Apr 2025 12:15

Tgt Ion:112 Resp: 938106
Ion Ratio Lower Upper
112 100
64 69.3 53.1 79.7
63 39.4 31.8 47.8

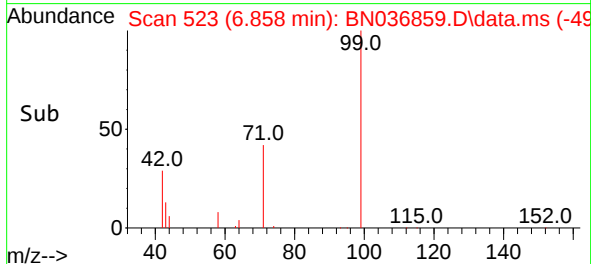
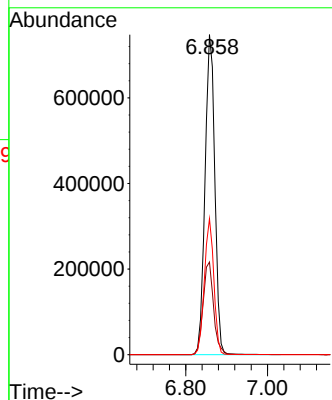
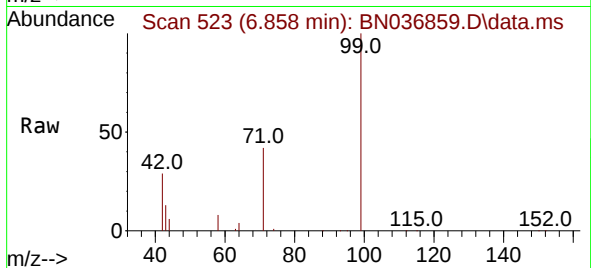




#5
Phenol-d6
Concen: 244.561 ng
RT: 6.858 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036859.D
Acq: 08 Apr 2025 12:15

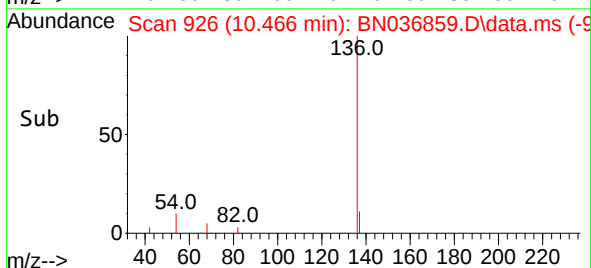
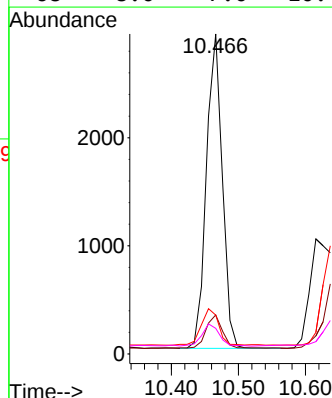
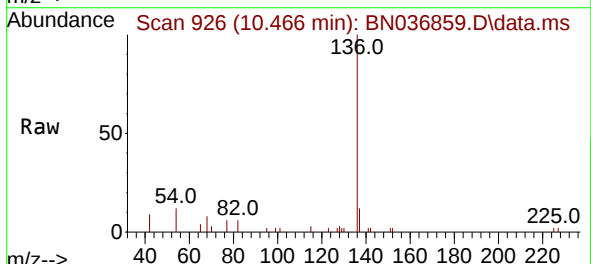
Instrument :
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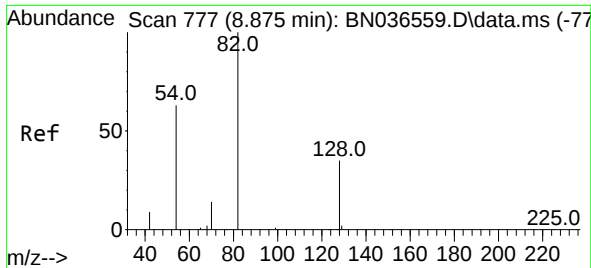
Tgt Ion: 99 Resp: 1246849
Ion Ratio Lower Upper
99 100
42 30.9 26.5 39.7
71 41.4 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.466 min Scan# 926
Delta R.T. -0.011 min
Lab File: BN036859.D
Acq: 08 Apr 2025 12:15

Tgt Ion: 136 Resp: 4794
Ion Ratio Lower Upper
136 100
137 12.2 10.3 15.5
54 12.1 11.5 17.3
68 8.0 7.0 10.4

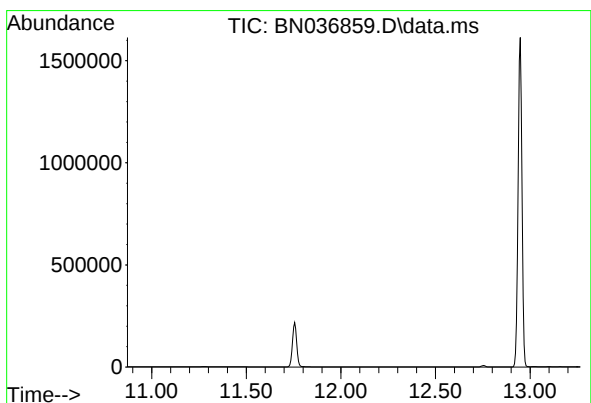
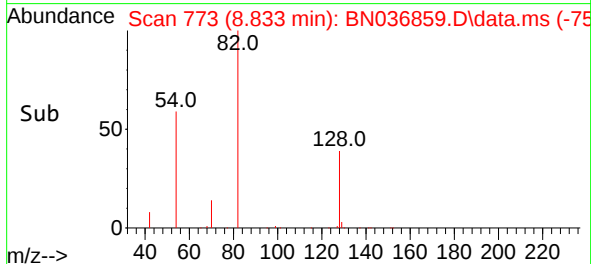
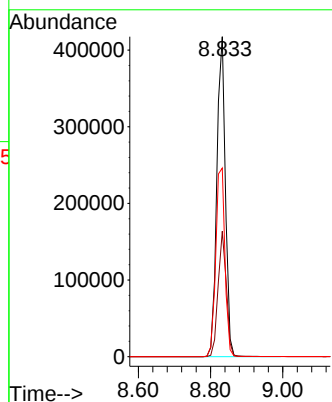
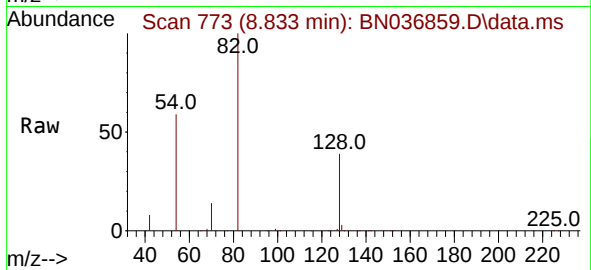




#8
 Nitrobenzene-d5
 Concen: 131.474 ng
 RT: 8.833 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036859.D
 Acq: 08 Apr 2025 12:15

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

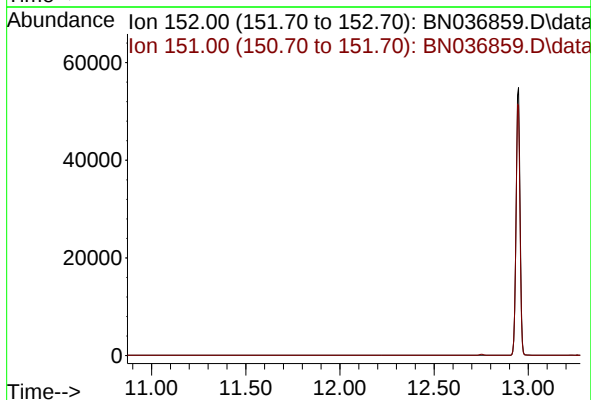
Tgt Ion: 82 Resp: 685653
 Ion Ratio Lower Upper
 82 100
 128 39.2 30.6 45.8
 54 59.0 52.2 78.4

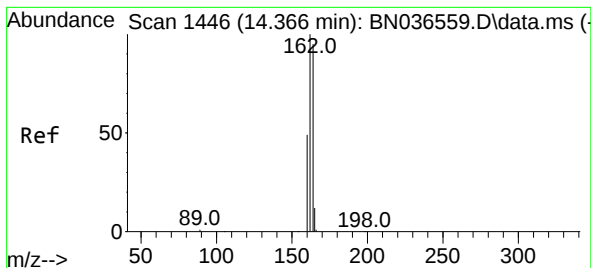


#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 Expected RT: 12.07 min

Lab File: BN036859.D
 Acq: 08 Apr 2025 12:15

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 151 21.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.323 min Scan# 1442

Delta R.T. -0.011 min

Lab File: BN036859.D

Acq: 08 Apr 2025 12:15

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

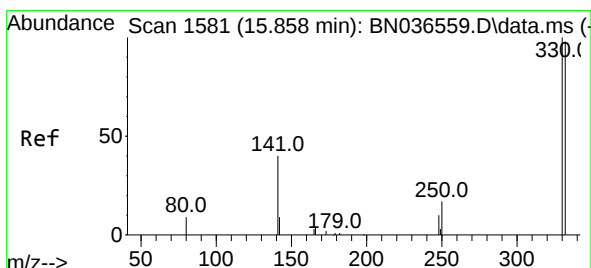
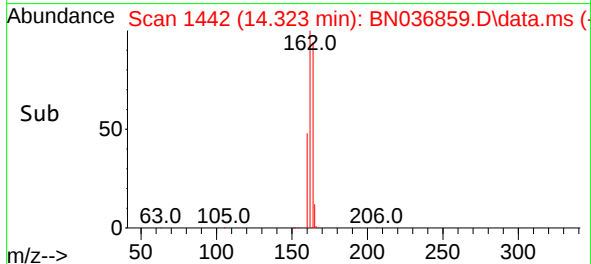
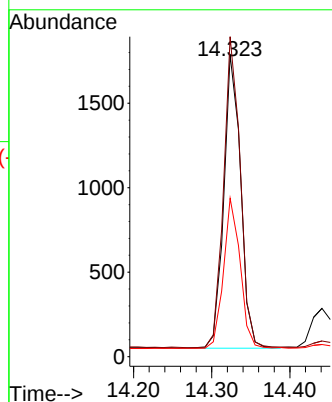
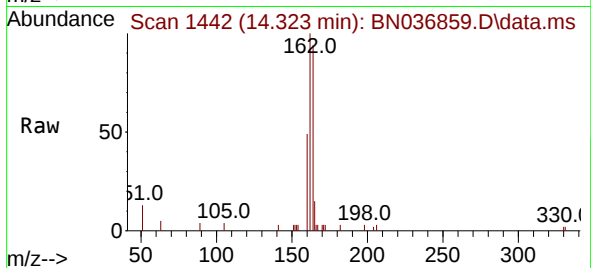
Tgt Ion:164 Resp: 2600

Ion Ratio Lower Upper

164 100

162 106.1 84.2 126.2

160 52.5 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 254.789 ng

RT: 15.820 min Scan# 1578

Delta R.T. -0.012 min

Lab File: BN036859.D

Acq: 08 Apr 2025 12:15

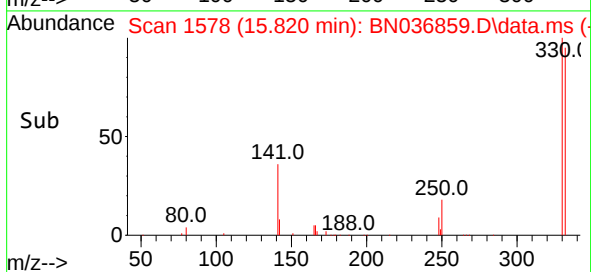
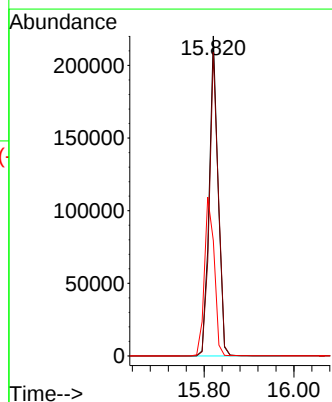
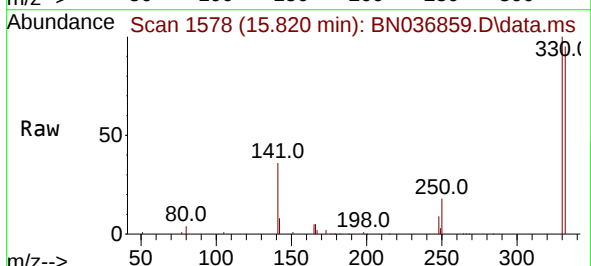
Tgt Ion:330 Resp: 300599

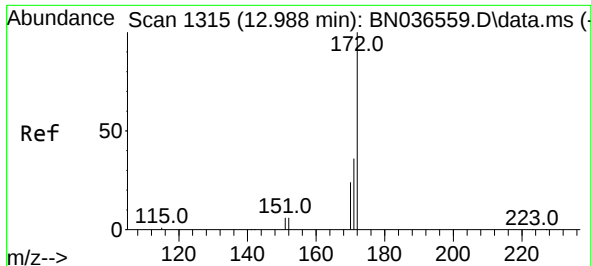
Ion Ratio Lower Upper

330 100

332 96.2 75.2 112.8

141 54.9 43.4 65.2

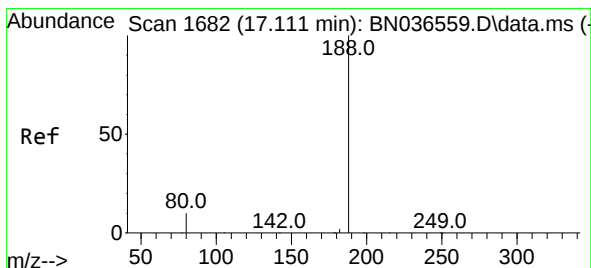
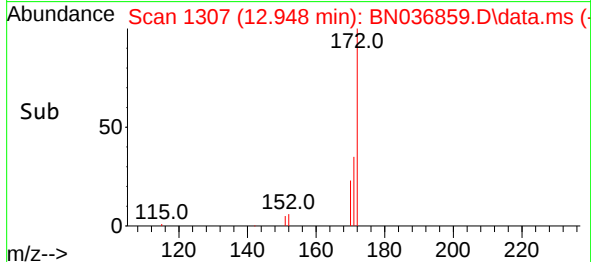
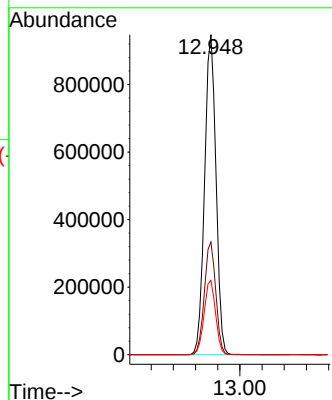
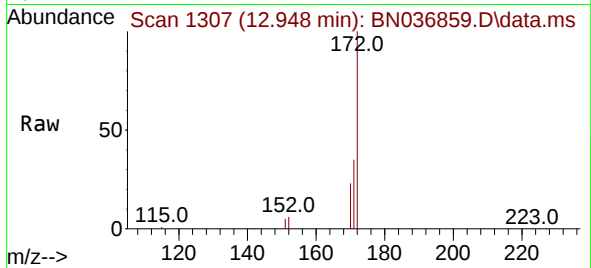




#15
2-Fluorobiphenyl
Concen: 109.377 ng
RT: 12.948 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036859.D
Acq: 08 Apr 2025 12:15

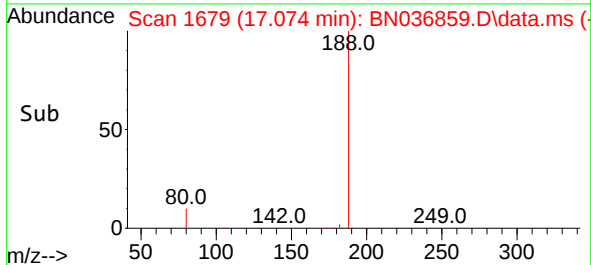
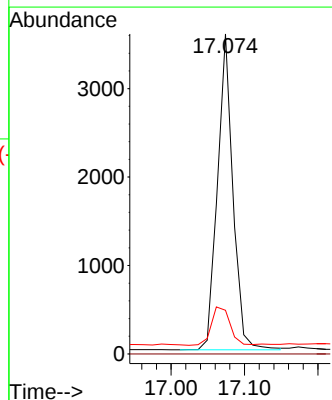
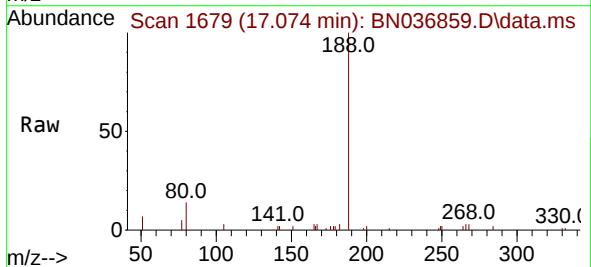
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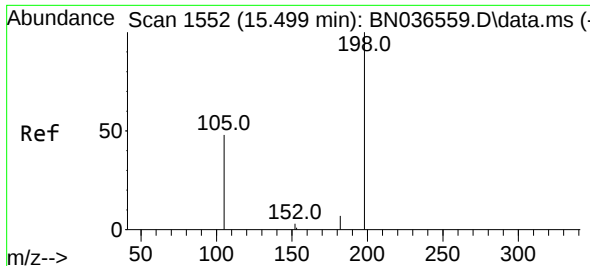
Tgt Ion:172 Resp: 1654346
Ion Ratio Lower Upper
172 100
171 35.2 29.5 44.3
170 23.2 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN036859.D
Acq: 08 Apr 2025 12:15

Tgt Ion:188 Resp: 5221
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 8.8 13.2#

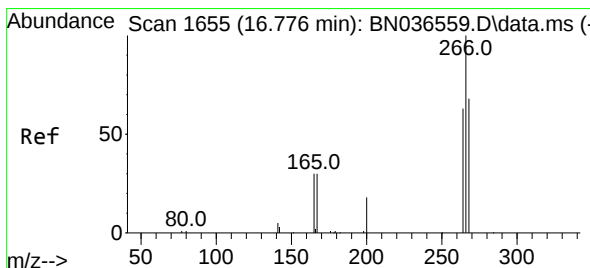
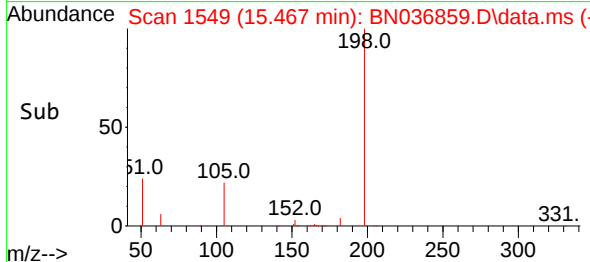
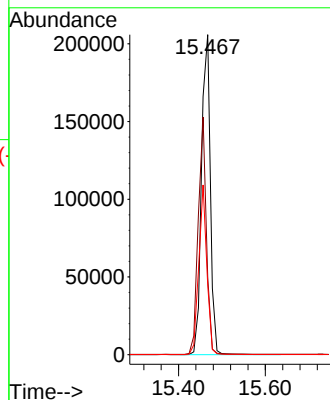
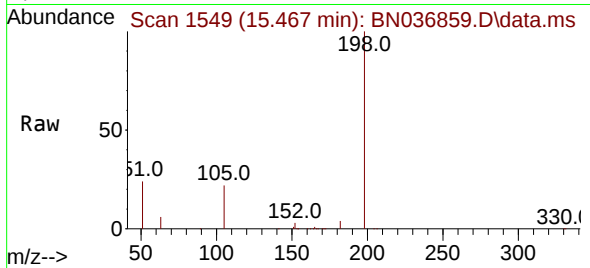




#20
4,6-Dinitro-2-methylphenol
Concen: 74.558 ng
RT: 15.467 min Scan# 1549
Delta R.T. -0.011 min
Lab File: BN036859.D
Acq: 08 Apr 2025 12:15

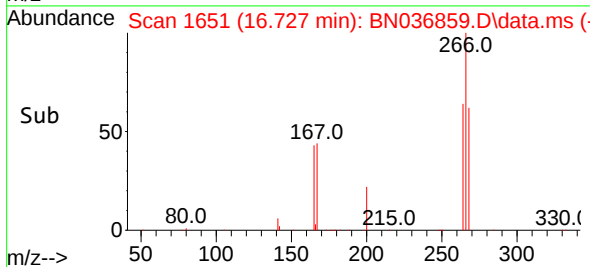
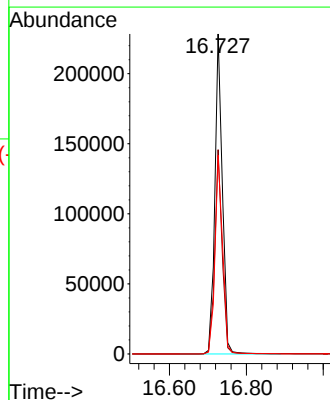
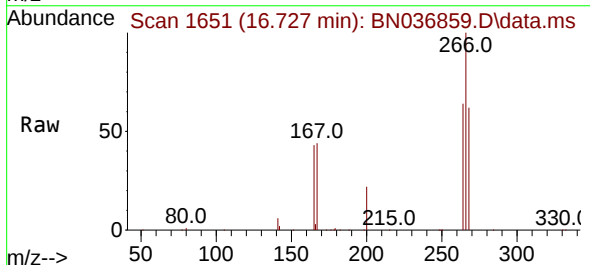
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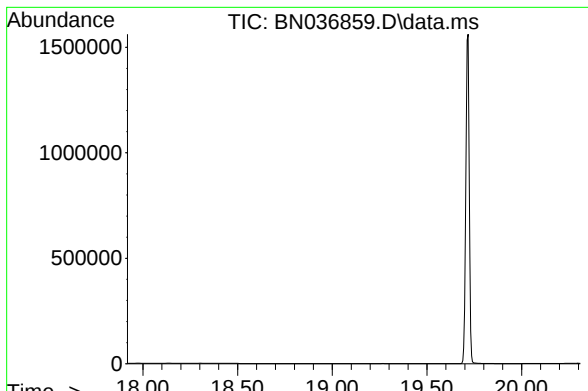
Tgt Ion:198 Resp: 312508
Ion Ratio Lower Upper
198 100
51 24.4 107.9 161.9#
105 21.7 56.2 84.2#



#24
Pentachlorophenol
Concen: 170.474 ng
RT: 16.727 min Scan# 1651
Delta R.T. -0.012 min
Lab File: BN036859.D
Acq: 08 Apr 2025 12:15

Tgt Ion:266 Resp: 307040
Ion Ratio Lower Upper
266 100
264 63.0 49.6 74.4
268 63.2 50.9 76.3

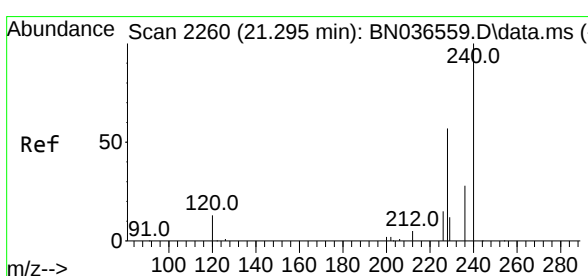
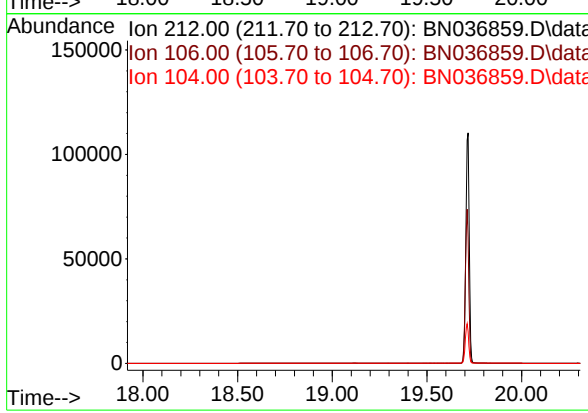




#27
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 19.11 min
 Lab File: BN036859.D
 Acq: 08 Apr 2025 12:15

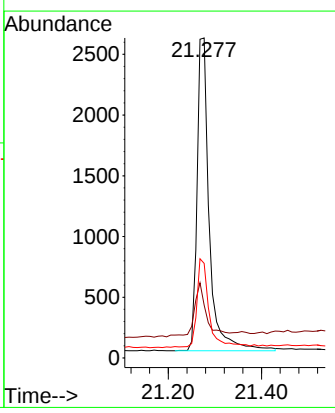
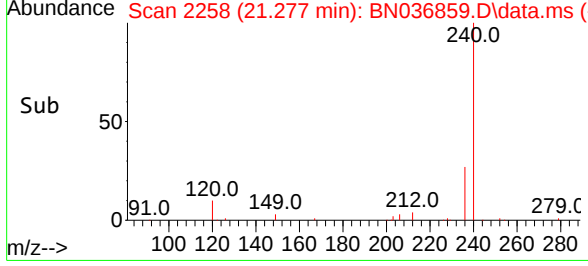
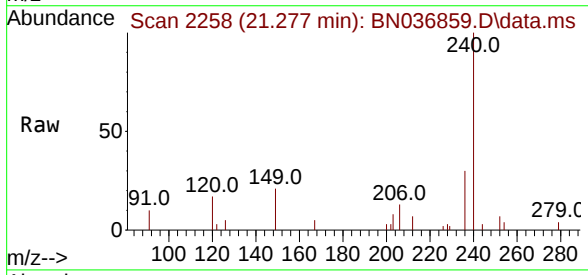
Instrument :
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Tgt Ion: 212
 Sig Exp Ratio
 212 100
 106 14.7
 104 9.1



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.277 min Scan# 2258
 Delta R.T. 0.009 min
 Lab File: BN036859.D
 Acq: 08 Apr 2025 12:15

Tgt Ion: 240 Resp: 4684
 Ion Ratio Lower Upper
 240 100
 120 16.5 14.6 22.0
 236 29.6 24.1 36.1

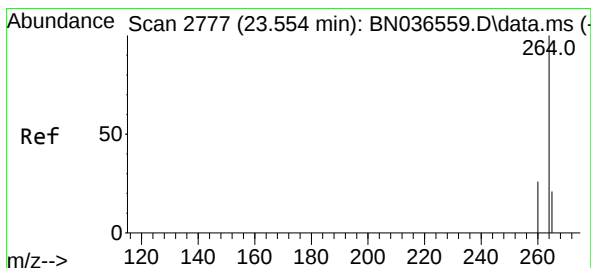
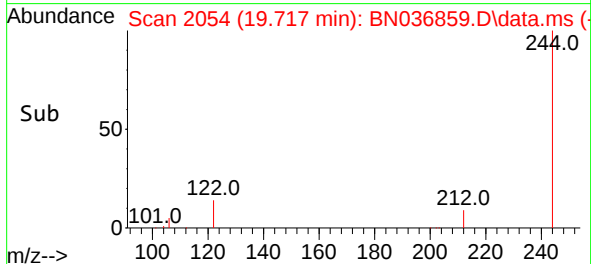
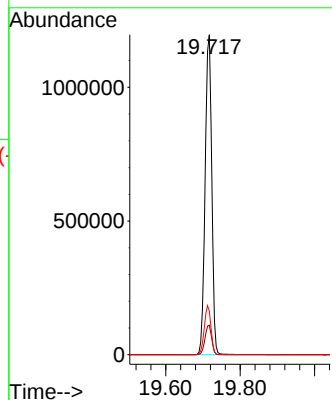
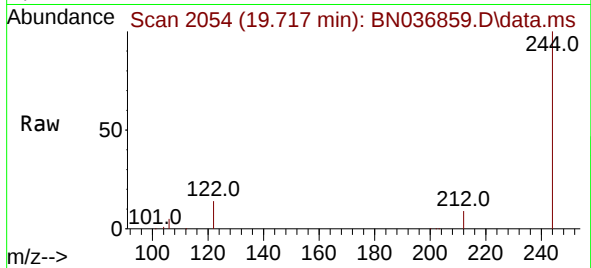




#31
 Terphenyl-d14
 Concen: 131.020 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.000 min
 Lab File: BN036859.D
 Acq: 08 Apr 2025 12:15

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Tgt Ion:244 Resp: 1470350
 Ion Ratio Lower Upper
 244 100
 212 9.2 9.6 14.4#
 122 13.7 13.9 20.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.510 min Scan# 2762
 Delta R.T. -0.000 min
 Lab File: BN036859.D
 Acq: 08 Apr 2025 12:15

Tgt Ion:264 Resp: 4839
 Ion Ratio Lower Upper
 264 100
 260 26.9 22.6 33.8
 265 103.3 88.1 132.1

