

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
 Data File : BN036850.D
 Acq On : 07 Apr 2025 13:06
 Operator : RC/JU
 Sample : Q1736-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GST2

Quant Time: Apr 07 14:06:09 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)

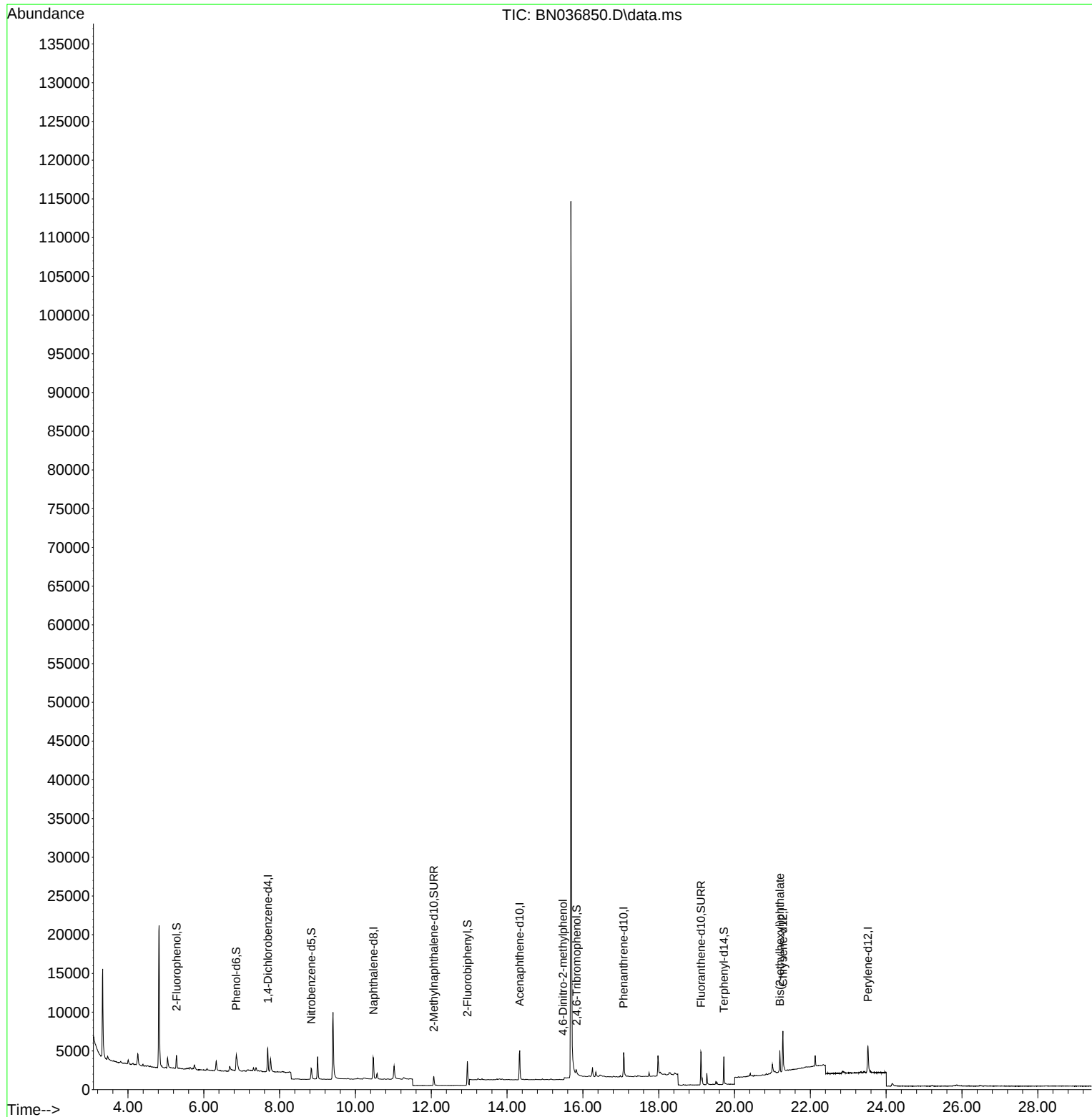
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	1541	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	3985	0.400	ng	# 0.00
13) Acenaphthene-d10	14.334	164	2296	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	4940	0.400	ng	# 0.00
29) Chrysene-d12	21.277	240	4936	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	4825	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1311	0.365	ng	0.00
5) Phenol-d6	6.858	99	1696	0.382	ng	0.00
8) Nitrobenzene-d5	8.833	82	1266	0.292	ng	-0.01
11) 2-Methylnaphthalene-d10	12.065	152	1780	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	386	0.370	ng	0.00
15) 2-Fluorobiphenyl	12.953	172	4051	0.303	ng	0.00
27) Fluoranthene-d10	19.113	212	4788	0.378	ng	0.00
31) Terphenyl-d14	19.717	244	3416	0.289	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.478	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	2646	0.217	ng	# 99

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

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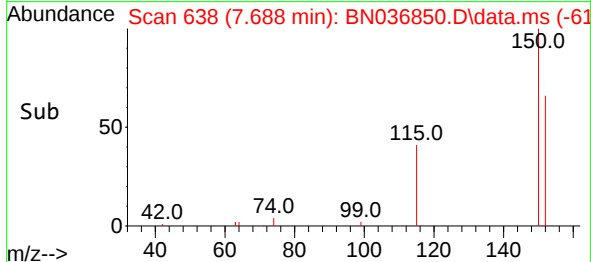
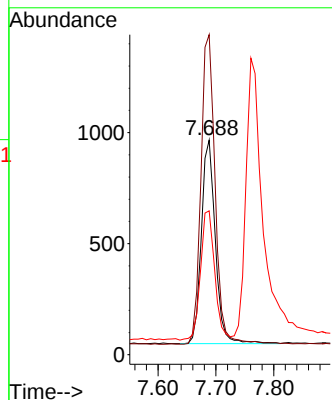
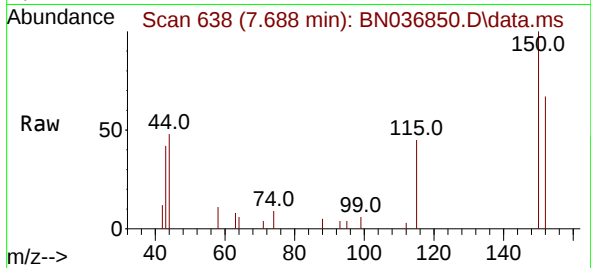




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

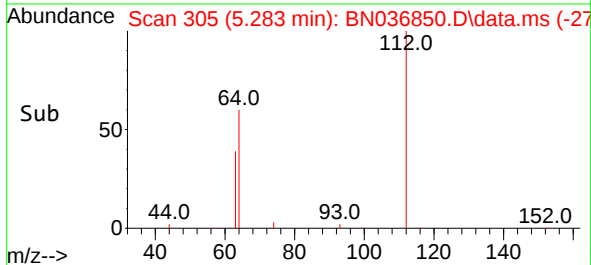
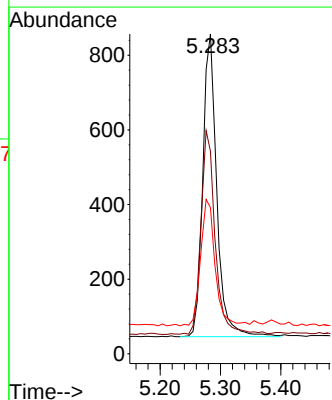
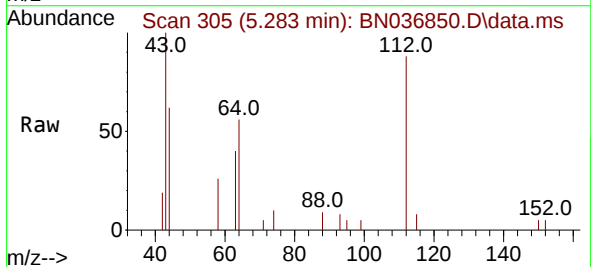
Instrument :
BNA_N
ClientSampleId :
GST2

Tgt Ion:152 Resp: 1541
Ion Ratio Lower Upper
152 100
150 149.2 123.7 185.5
115 67.1 54.3 81.5



#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion:112 Resp: 1311
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 43.0 31.8 47.8

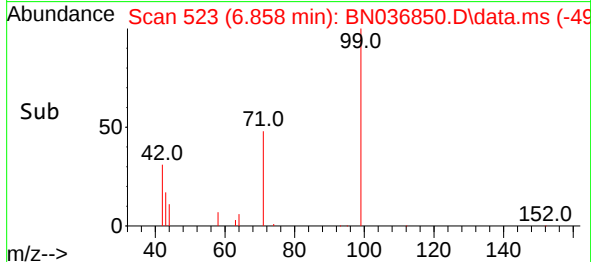
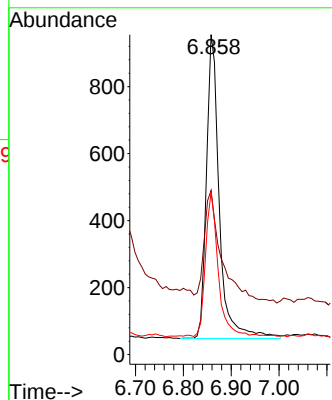
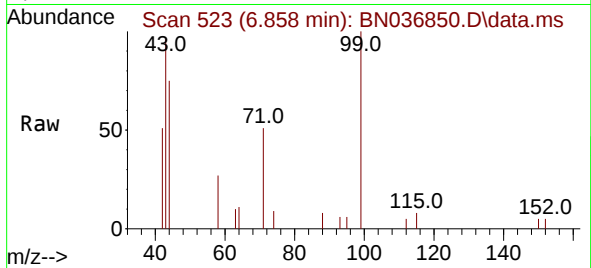




#5
Phenol-d6
Concen: 0.382 ng
RT: 6.858 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

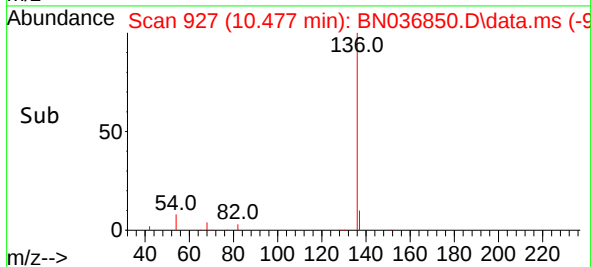
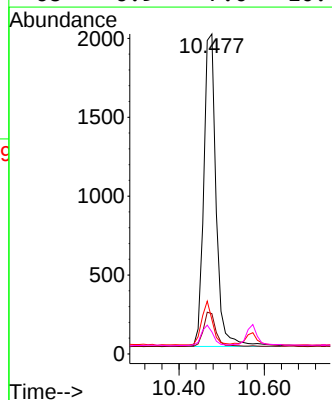
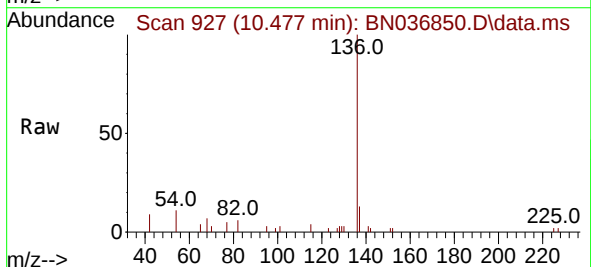
Instrument :
BNA_N
ClientSampleId :
GST2

Tgt Ion: 99 Resp: 1696
Ion Ratio Lower Upper
99 100
42 51.4 26.5 39.7#
71 48.2 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. 0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion: 136 Resp: 3985
Ion Ratio Lower Upper
136 100
137 12.6 10.3 15.5
54 10.7 11.5 17.3#
68 6.9 7.0 10.4#

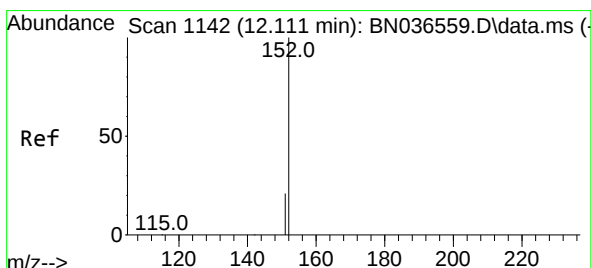
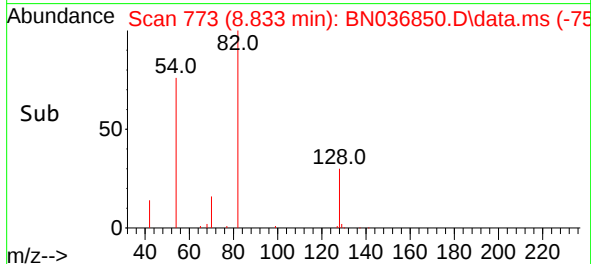
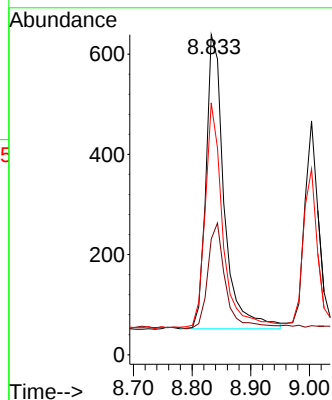
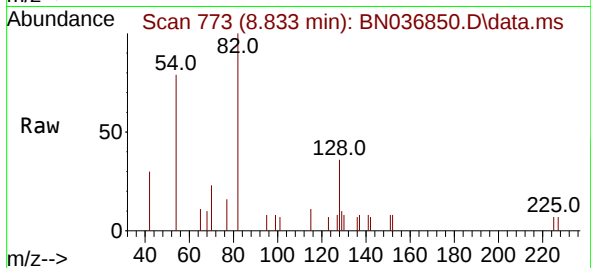




#8
 Nitrobenzene-d5
 Concen: 0.292 ng
 RT: 8.833 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036850.D
 Acq: 07 Apr 2025 13:06

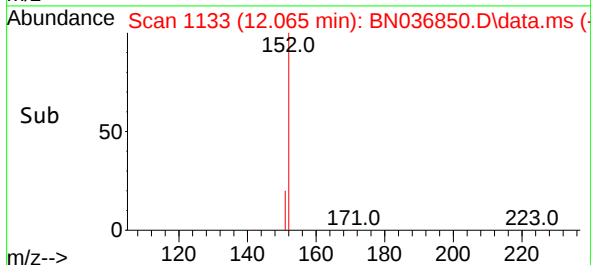
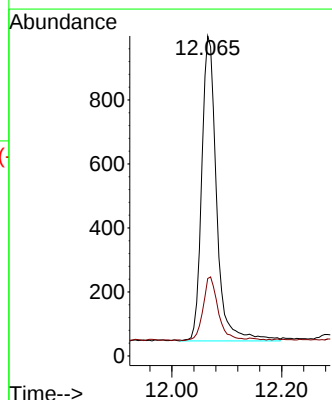
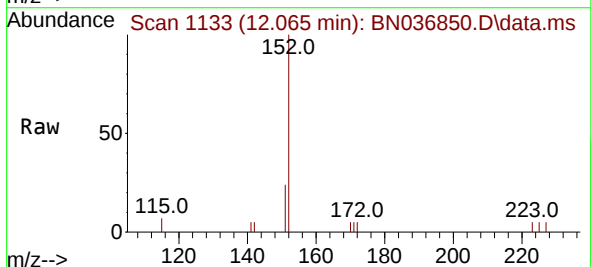
Instrument :
 BNA_N
 ClientSampleId :
 GST2

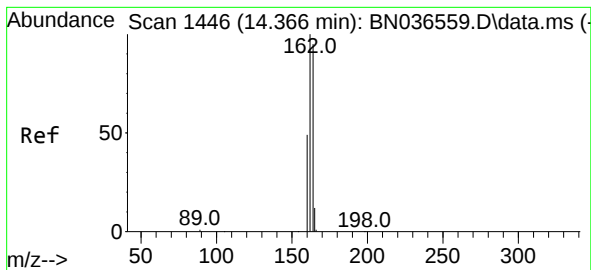
Tgt Ion: 82 Resp: 1266
 Ion Ratio Lower Upper
 82 100
 128 36.2 30.6 45.8
 54 78.7 52.2 78.4#



#11
 2-Methylnaphthalene-d10
 Concen: 0.300 ng
 RT: 12.065 min Scan# 1133
 Delta R.T. -0.005 min
 Lab File: BN036850.D
 Acq: 07 Apr 2025 13:06

Tgt Ion:152 Resp: 1780
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BN036850.D

Acq: 07 Apr 2025 13:06

Instrument :

BNA_N

ClientSampleId :

GST2

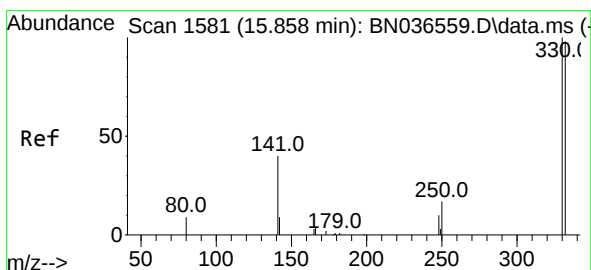
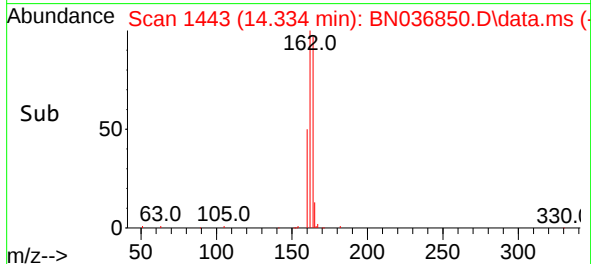
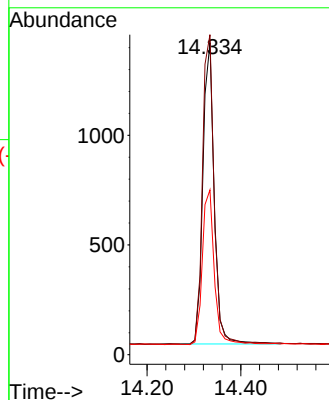
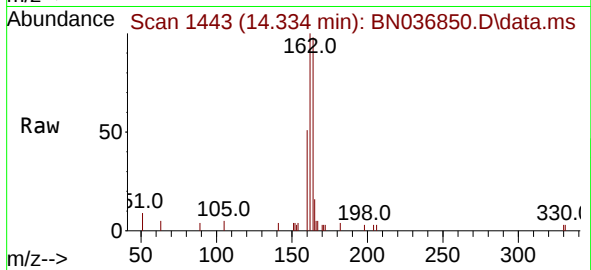
Tgt Ion:164 Resp: 2296

Ion Ratio Lower Upper

164 100

162 102.5 84.2 126.2

160 52.8 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.370 ng

RT: 15.833 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BN036850.D

Acq: 07 Apr 2025 13:06

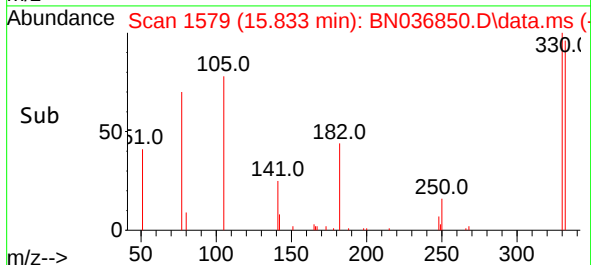
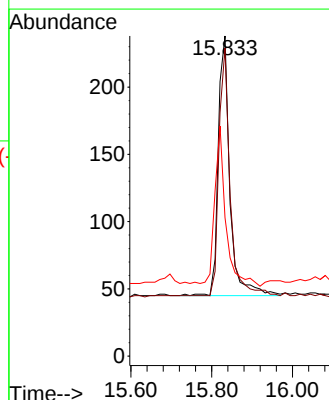
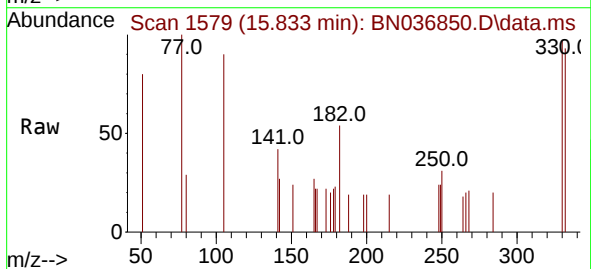
Tgt Ion:330 Resp: 386

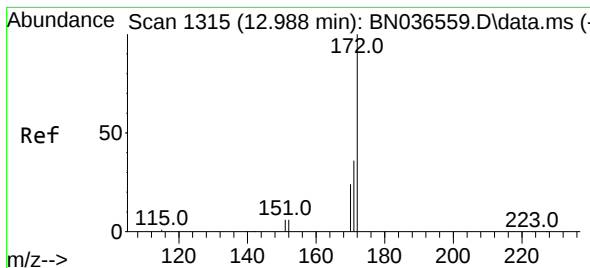
Ion Ratio Lower Upper

330 100

332 91.2 75.2 112.8

141 58.8 43.4 65.2

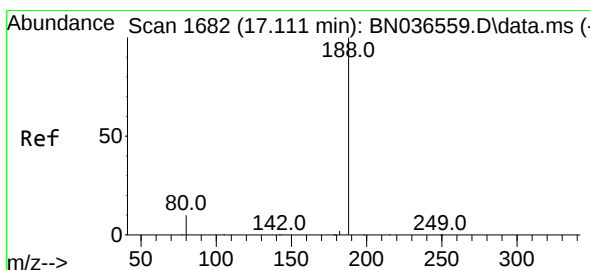
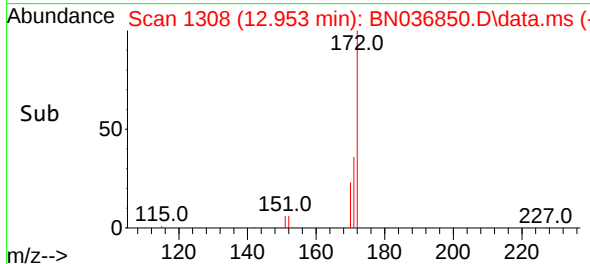
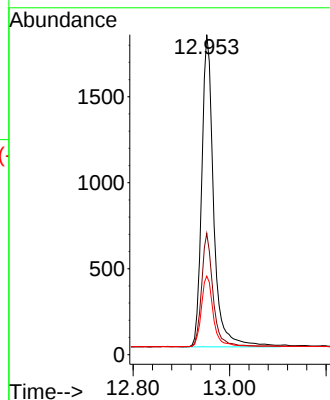
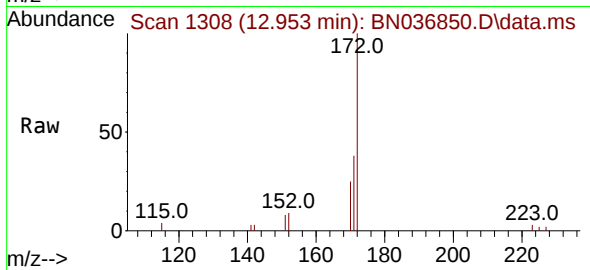




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.953 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

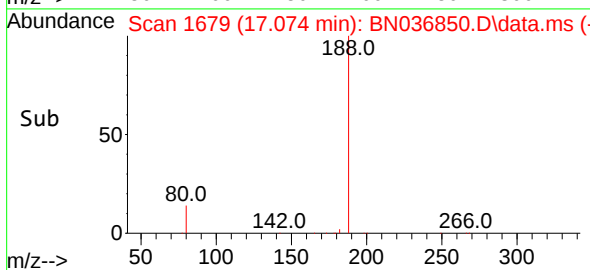
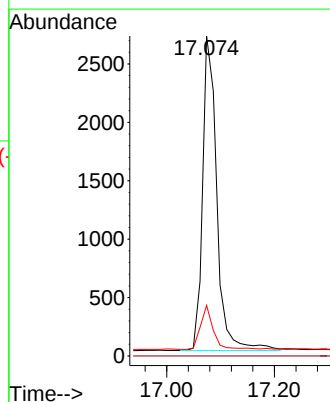
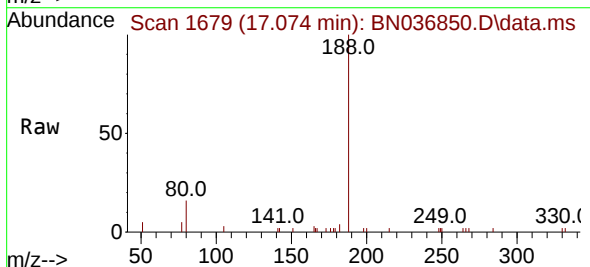
Instrument :
BNA_N
ClientSampleId :
GST2

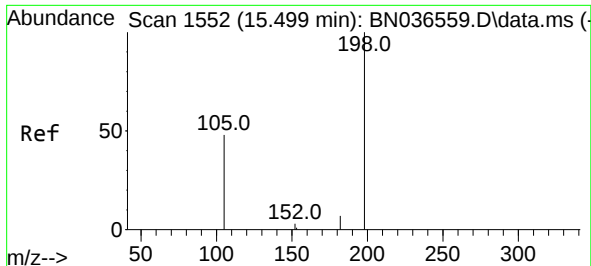
Tgt Ion:172 Resp: 4051
Ion Ratio Lower Upper
172 100
171 37.9 29.5 44.3
170 24.6 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion:188 Resp: 4940
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.8 8.8 13.2#

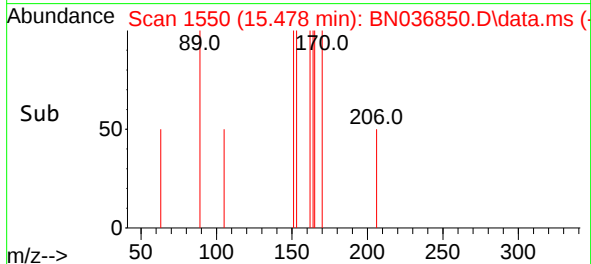
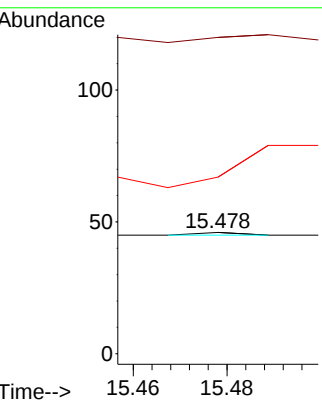
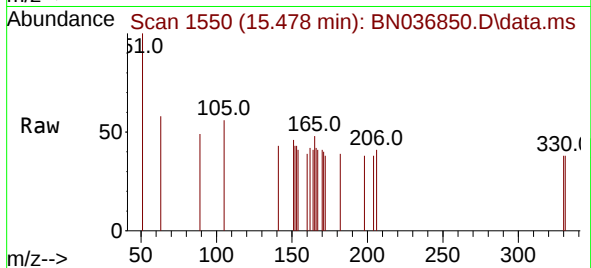




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.478 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

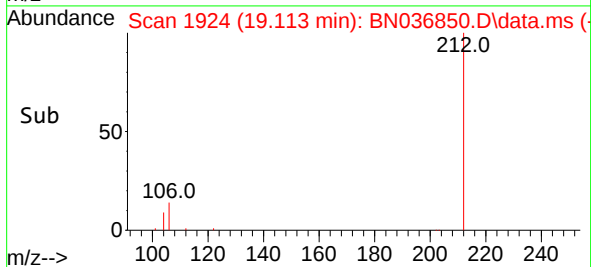
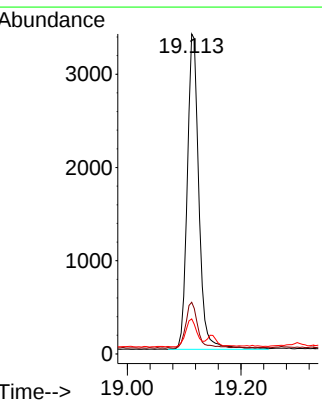
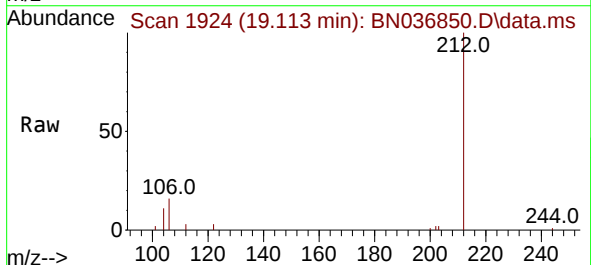
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BNA_N
ClientSampleId :
GST2

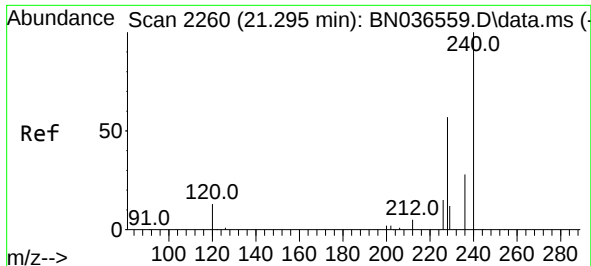
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 260.9 107.9 161.9#
105 145.7 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion:212 Resp: 4788
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.6
104 8.5 7.3 10.9

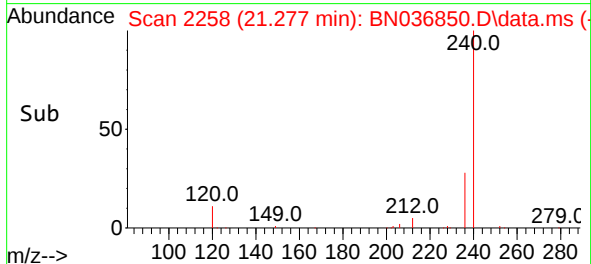
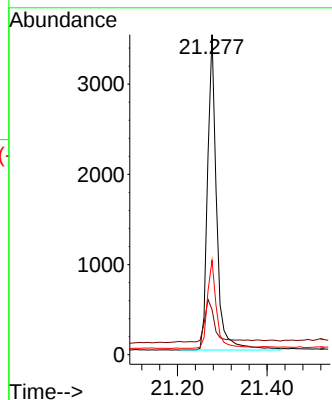
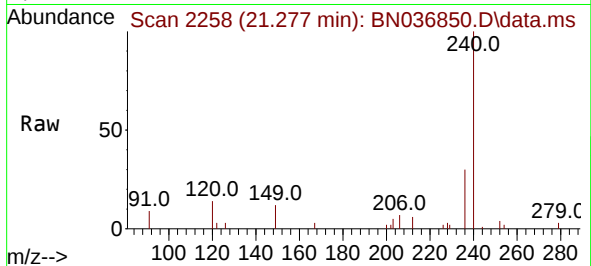




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

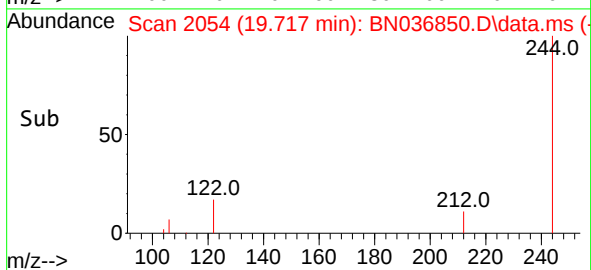
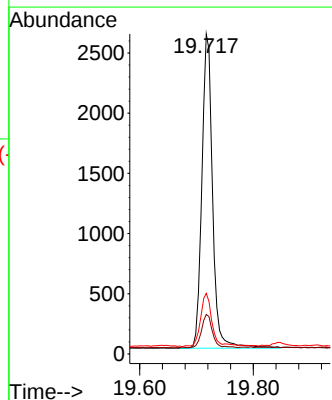
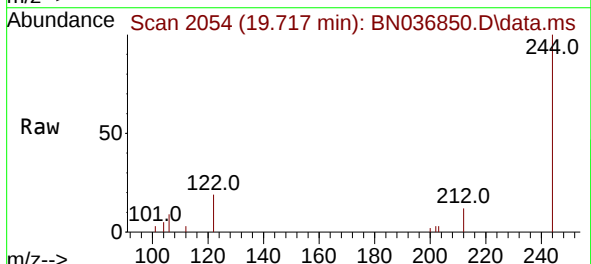
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BNA_N
ClientSampleId :
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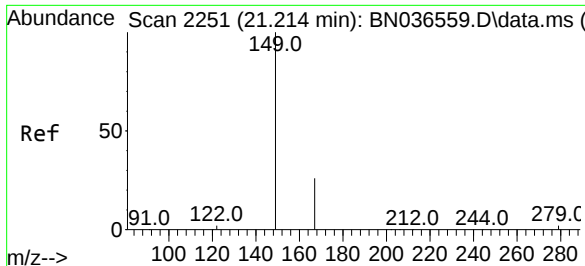
Tgt Ion:240 Resp: 4936
Ion Ratio Lower Upper
240 100
120 14.1 14.6 22.0#
236 29.5 24.1 36.1



#31
Terphenyl-d14
Concen: 0.289 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion:244 Resp: 3416
Ion Ratio Lower Upper
244 100
212 12.3 9.6 14.4
122 19.0 13.9 20.9

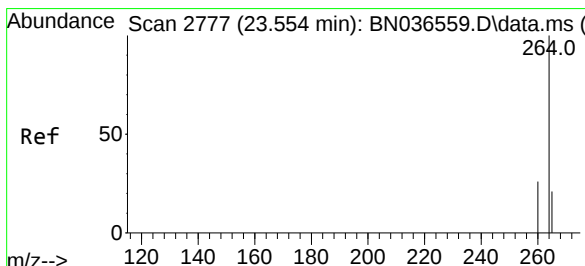
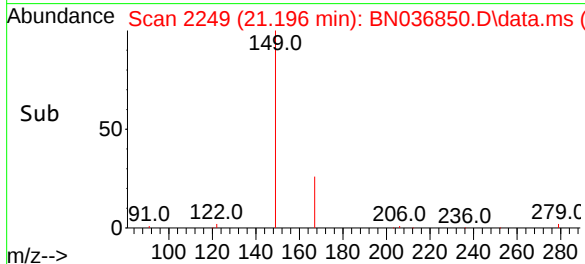
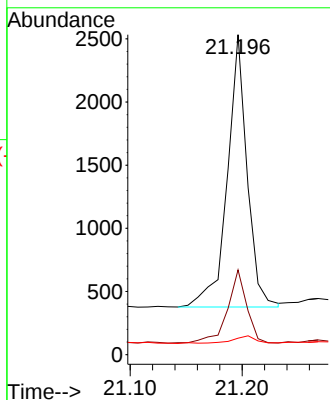
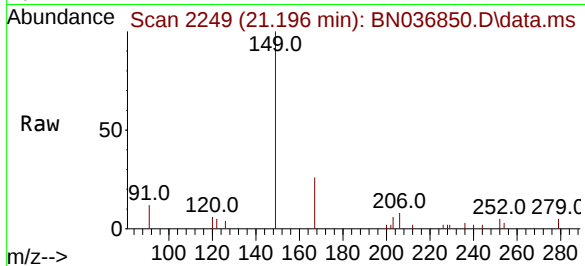




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.217 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. 0.009 min
 Lab File: BN036850.D
 Acq: 07 Apr 2025 13:06

Instrument :
 BNA_N
 ClientSampleId :
 GST2

Tgt Ion:149 Resp: 2646
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.7 31.1
 279 3.4 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2765
 Delta R.T. 0.009 min
 Lab File: BN036850.D
 Acq: 07 Apr 2025 13:06

Tgt Ion:264 Resp: 4825
 Ion Ratio Lower Upper
 264 100
 260 26.4 22.6 33.8
 265 71.4 88.1 132.1#

