

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036823.D
 Acq On : 03 Apr 2025 15:25
 Operator : RC/JU
 Sample : Q1697-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125-FD

Quant Time: Apr 03 16:01:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

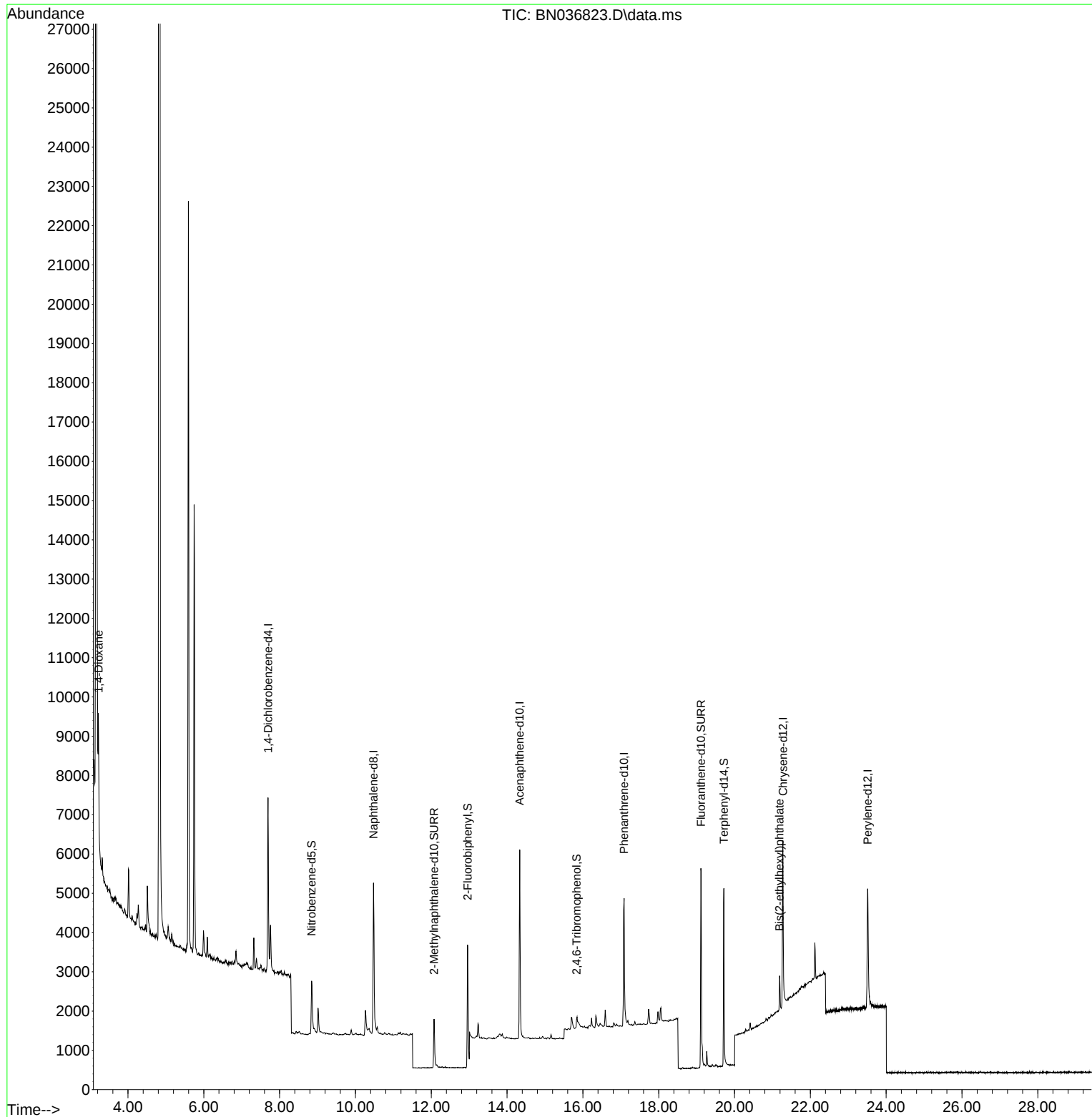
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2219	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5351	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2806	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5772	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4952	0.400	ng	#-0.02
35) Perylene-d12	23.513	264	4672	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.843	82	1505	0.259	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2107	0.265	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	36	0.028	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	4857	0.298	ng	-0.03
27) Fluoranthene-d10	19.118	212	6350	0.429	ng	-0.02
31) Terphenyl-d14	19.717	244	4672	0.394	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.225	88	1395	0.567	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.187	149	995	0.081	ng	94

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

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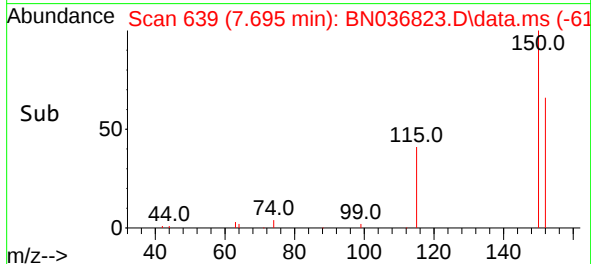
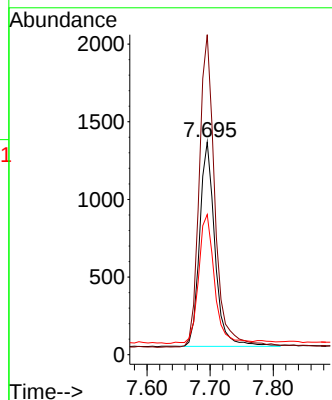
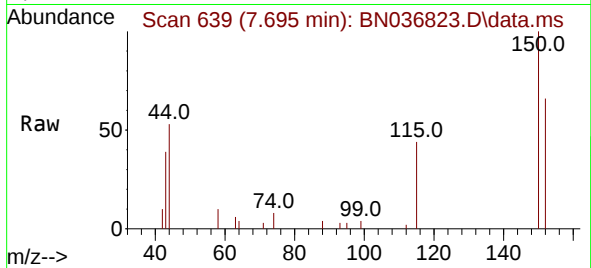




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036823.D
 Acq: 03 Apr 2025 15:25

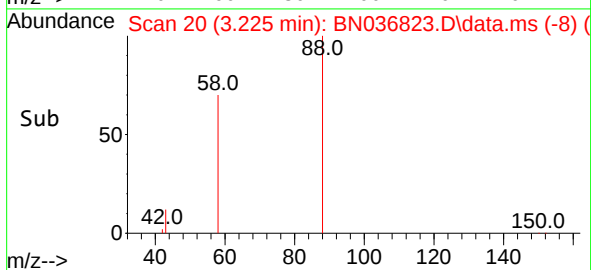
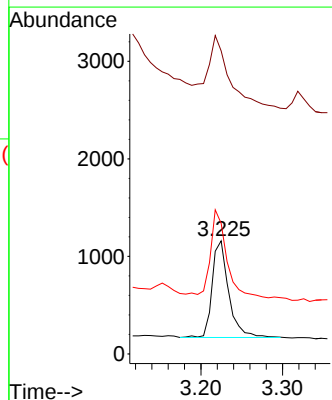
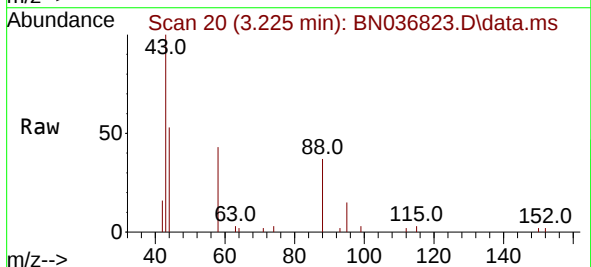
Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125-FD

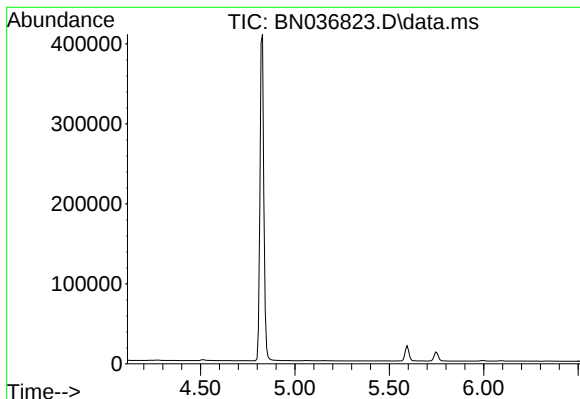
Tgt Ion:152 Resp: 2219
 Ion Ratio Lower Upper
 152 100
 150 150.5 123.7 185.5
 115 66.0 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.567 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036823.D
 Acq: 03 Apr 2025 15:25

Tgt Ion: 88 Resp: 1395
 Ion Ratio Lower Upper
 88 100
 43 105.1 37.8 56.8#
 58 87.5 67.4 101.2



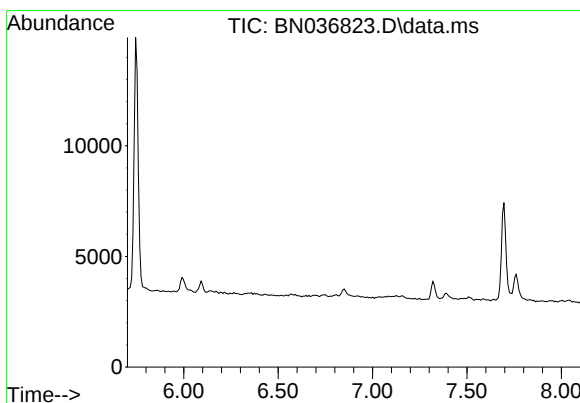
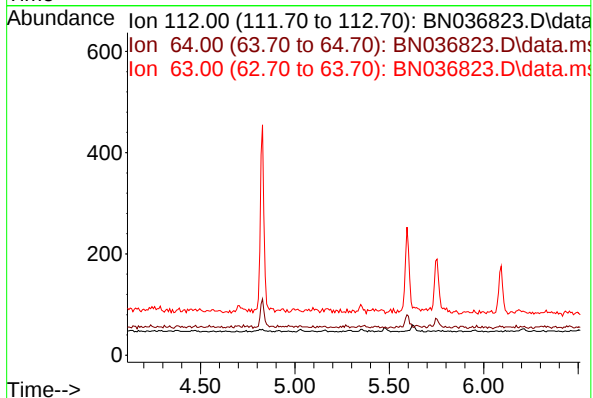


#4
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.31 min
 Lab File: BN036823.D
 Acq: 03 Apr 2025 15:25

Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125-FD

Tgt Ion: 112

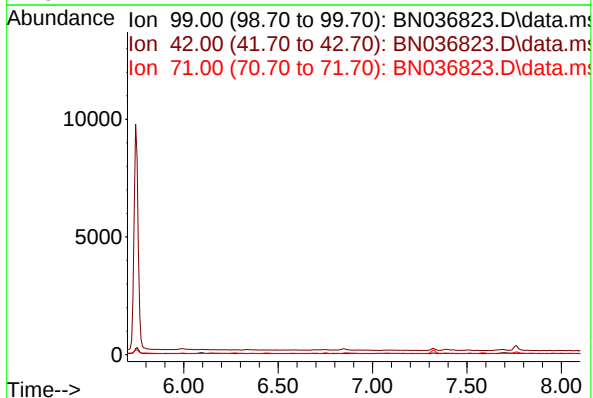
Sig	Exp Ratio
112	100
64	66.4
63	39.8



#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.90 min
 Lab File: BN036823.D
 Acq: 03 Apr 2025 15:25

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	33.1
71	42.6

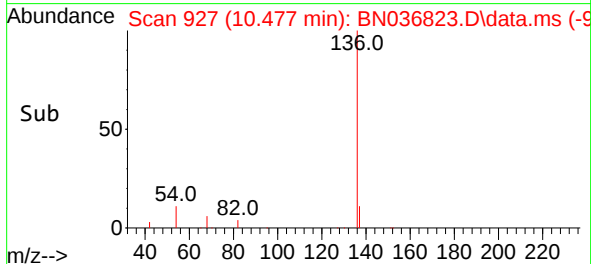
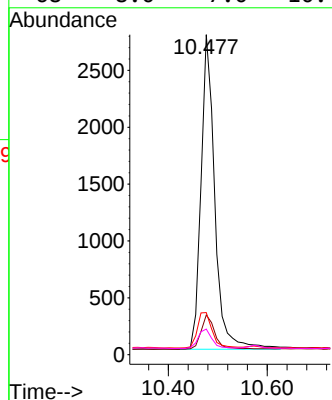
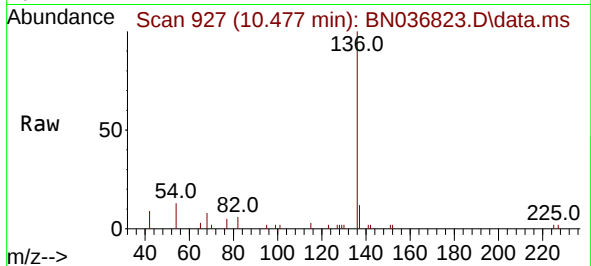




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036823.D
Acq: 03 Apr 2025 15:25

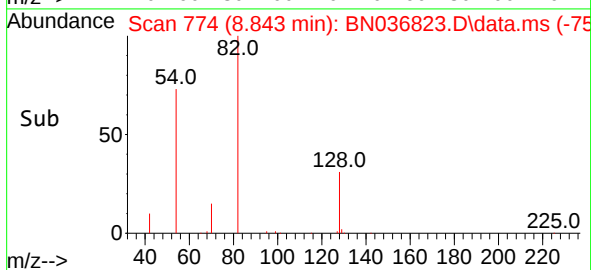
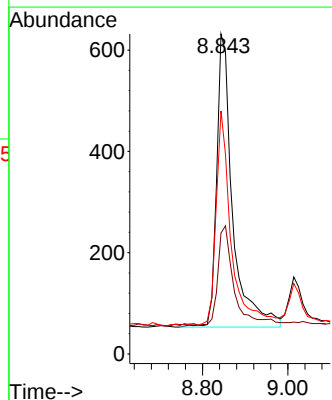
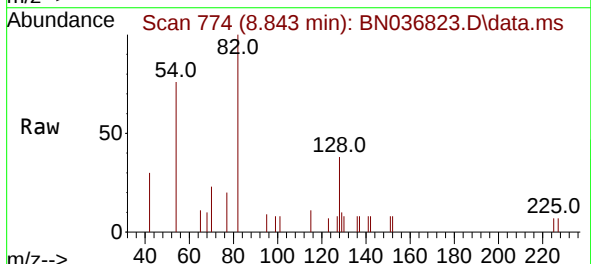
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125-FD

Tgt Ion:	136	Resp:	5351
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.3	15.5
54	13.1	11.5	17.3
68	8.0	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036823.D
Acq: 03 Apr 2025 15:25

Tgt Ion:	82	Resp:	1505
Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.6	45.8
54	75.9	52.2	78.4

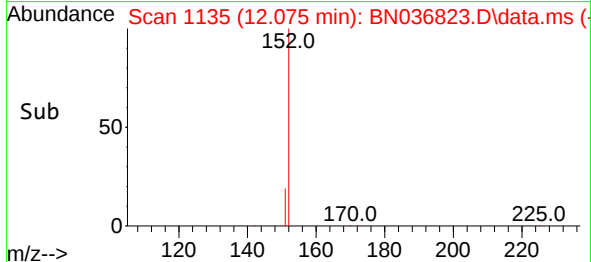
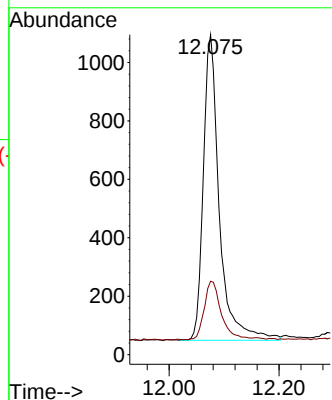
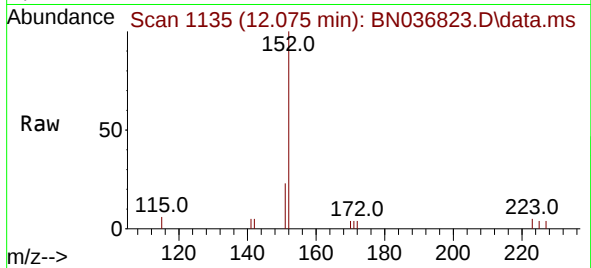




#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.035 min
Lab File: BN036823.D
Acq: 03 Apr 2025 15:25

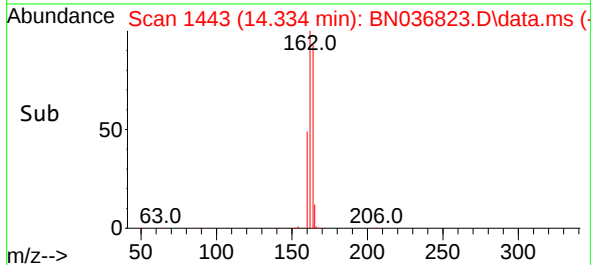
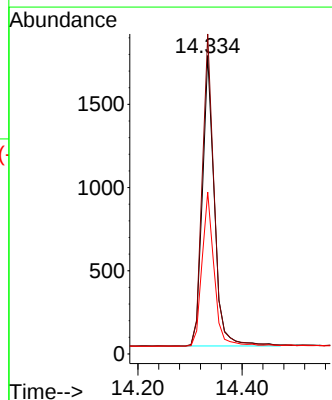
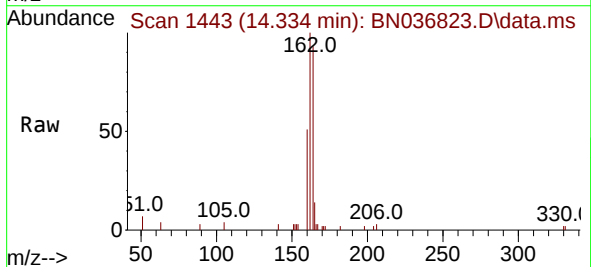
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125-FD

Tgt Ion:152 Resp: 2107
Ion Ratio Lower Upper
152 100
151 20.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036823.D
Acq: 03 Apr 2025 15:25

Tgt Ion:164 Resp: 2806
Ion Ratio Lower Upper
164 100
162 107.3 84.2 126.2
160 54.3 42.2 63.2

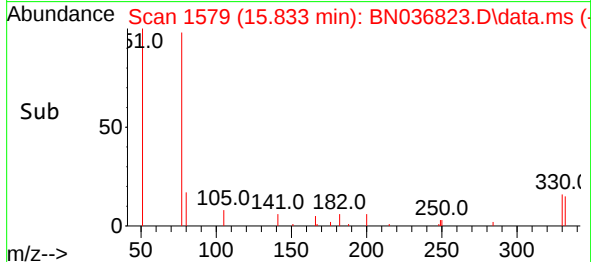
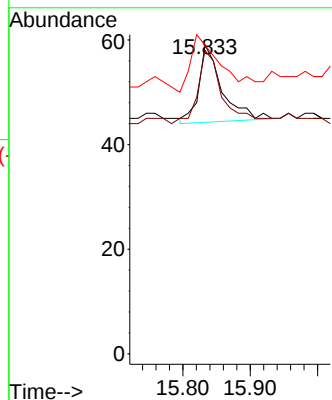
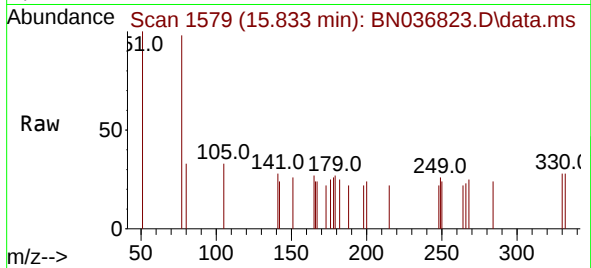




#14
2,4,6-Tribromophenol
Concen: 0.028 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036823.D
Acq: 03 Apr 2025 15:25

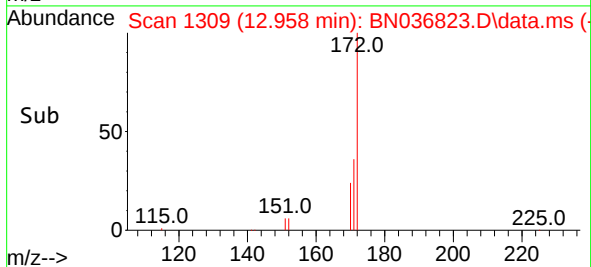
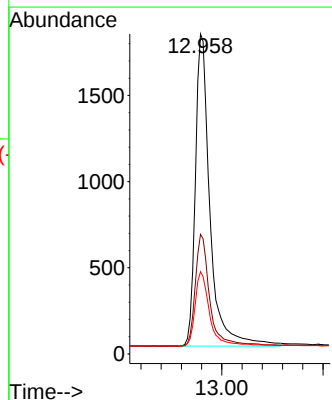
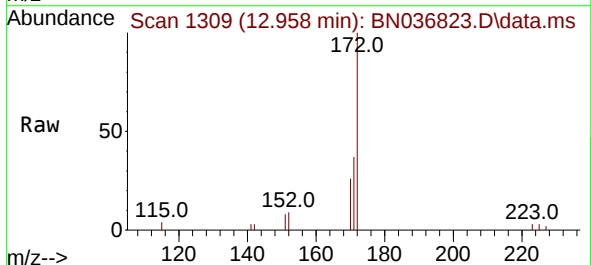
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125-FD

Tgt Ion:330 Resp: 36
Ion Ratio Lower Upper
330 100
332 97.2 75.2 112.8
141 97.2 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 12.958 min Scan# 1309
Delta R.T. -0.030 min
Lab File: BN036823.D
Acq: 03 Apr 2025 15:25

Tgt Ion:172 Resp: 4857
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 25.7 20.2 30.4

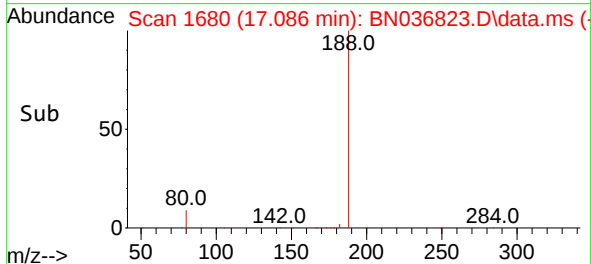
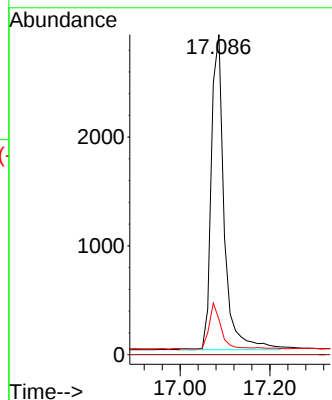
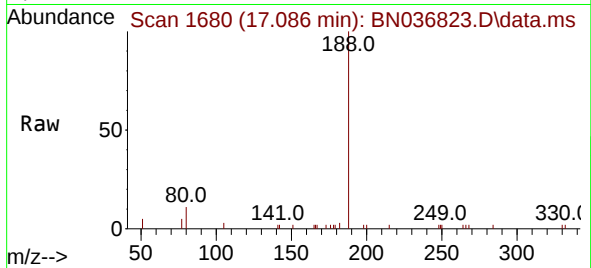




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036823.D
Acq: 03 Apr 2025 15:25

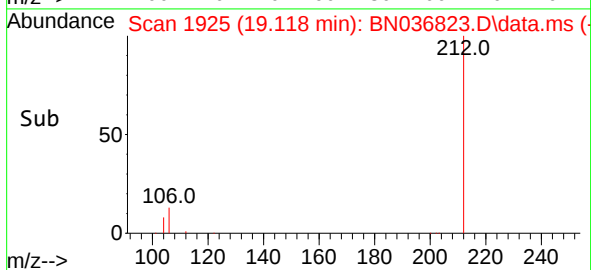
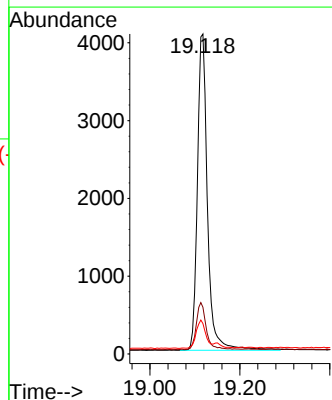
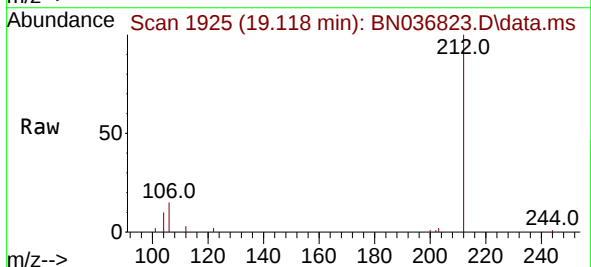
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ClientSampleId :
IW-02-55-040125-FD

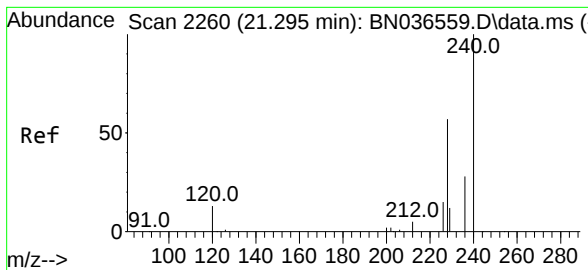
Tgt Ion:188 Resp: 5772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036823.D
Acq: 03 Apr 2025 15:25

Tgt Ion:212 Resp: 6350
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 8.6 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN036823.D

Acq: 03 Apr 2025 15:25

Instrument :

BNA_N

ClientSampleId :

IW-02-55-040125-FD

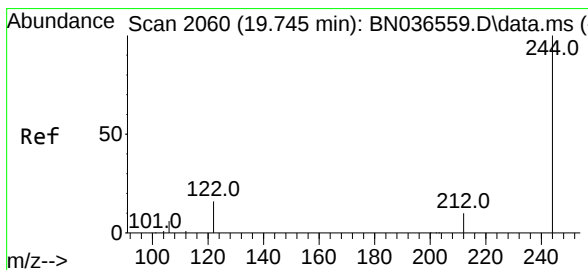
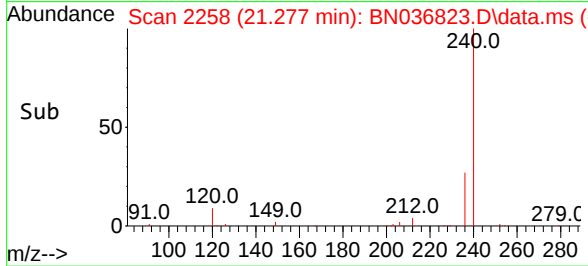
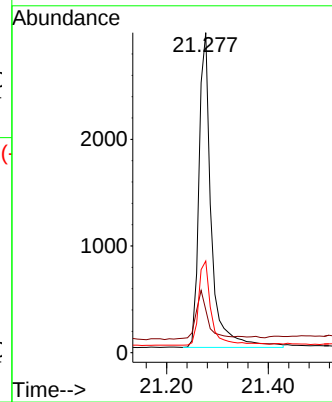
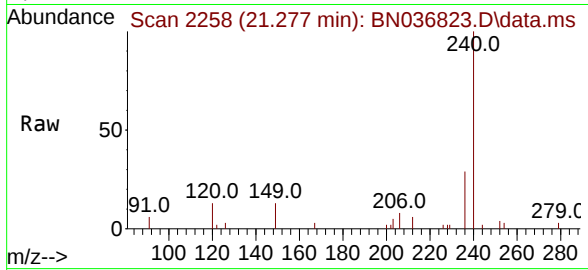
Tgt Ion:240 Resp: 4952

Ion Ratio Lower Upper

240 100

120 13.4 14.6 22.0#

236 28.6 24.1 36.1



#31

Terphenyl-d14

Concen: 0.394 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.028 min

Lab File: BN036823.D

Acq: 03 Apr 2025 15:25

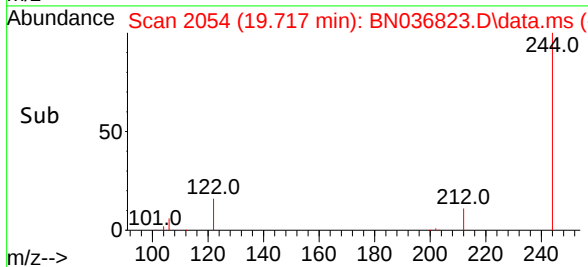
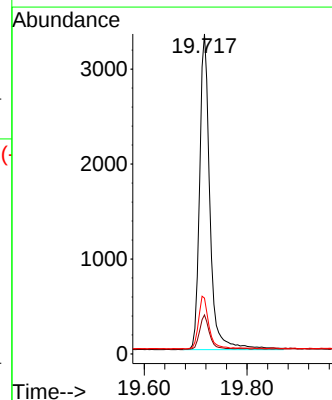
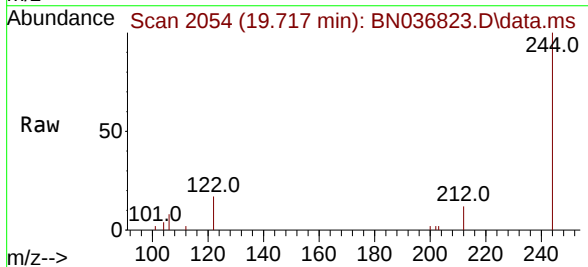
Tgt Ion:244 Resp: 4672

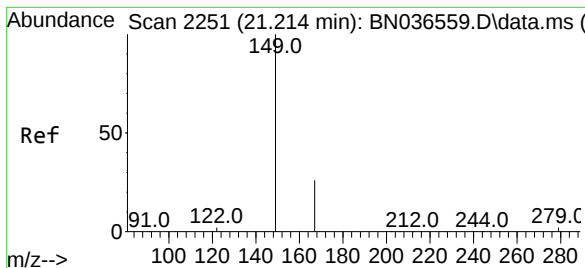
Ion Ratio Lower Upper

244 100

212 12.2 9.6 14.4

122 17.5 13.9 20.9

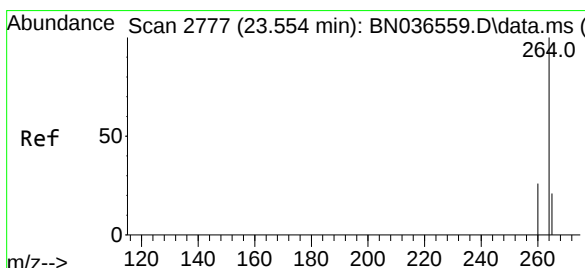
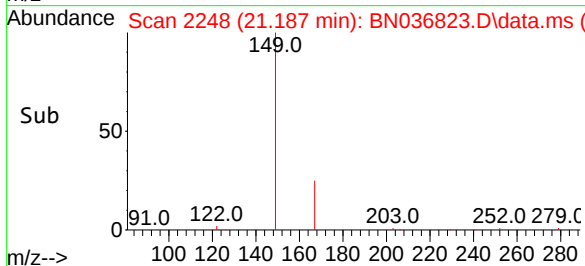
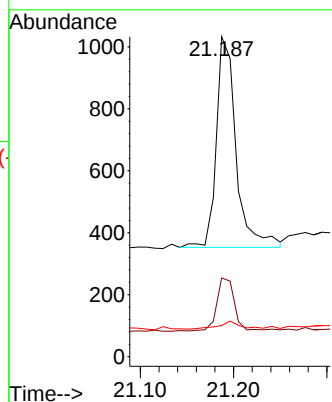
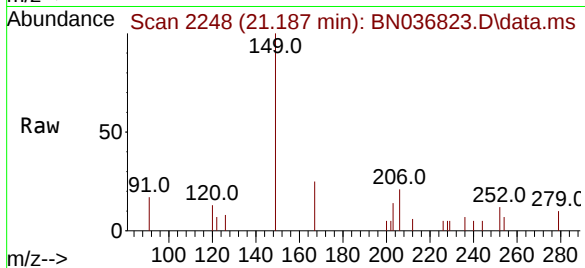




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.081 ng
 RT: 21.187 min Scan# 2118
 Delta R.T. -0.027 min
 Lab File: BN036823.D
 Acq: 03 Apr 2025 15:25

Instrument :
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 IW-02-55-040125-FD

Tgt Ion:149 Resp: 995
 Ion Ratio Lower Upper
 149 100
 167 22.2 20.7 31.1
 279 4.1 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.513 min Scan# 2763
 Delta R.T. -0.041 min
 Lab File: BN036823.D
 Acq: 03 Apr 2025 15:25

Tgt Ion:264 Resp: 4672
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.6 33.8
 265 75.9 88.1 132.1#

