

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036657.D
 Acq On : 17 Mar 2025 13:26
 Operator : RC/JU
 Sample : Q1559-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250310DL

Quant Time: Mar 17 14:00:04 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)

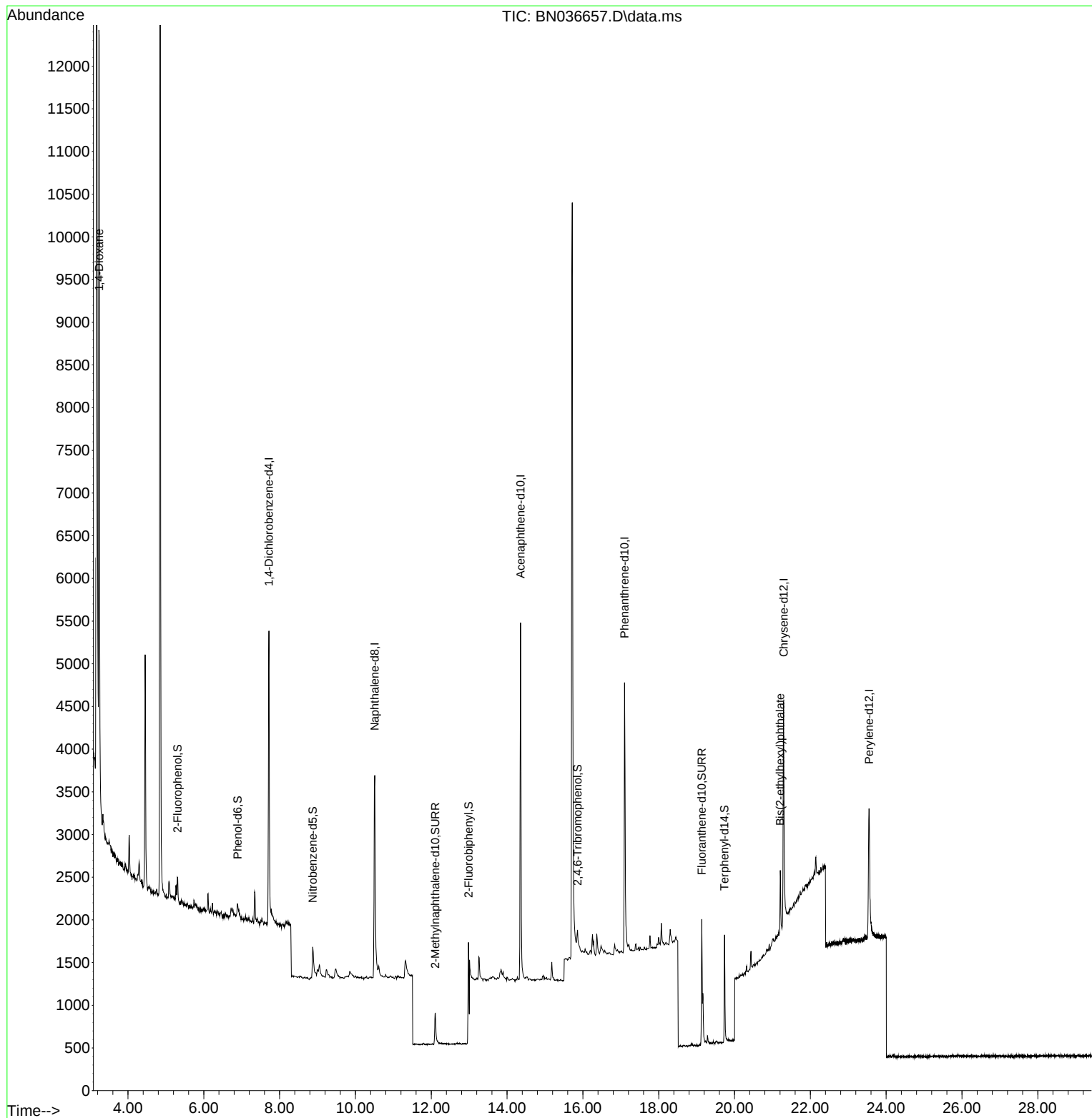
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1739	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4171	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2529	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5018	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3315	0.400	ng	0.00
35) Perylene-d12	23.548	264	2822	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	224	0.055	ng	0.00
5) Phenol-d6	6.894	99	153	0.031	ng	0.00
8) Nitrobenzene-d5	8.875	82	492	0.108	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	743	0.120	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	145	0.126	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	1889	0.128	ng	0.00
27) Fluoranthene-d10	19.136	212	1890	0.147	ng	0.00
31) Terphenyl-d14	19.736	244	1343	0.169	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	4909	2.545	ng	94
34) Bis(2-ethylhexyl)phtha...	21.205	149	782	0.095	ng	99

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

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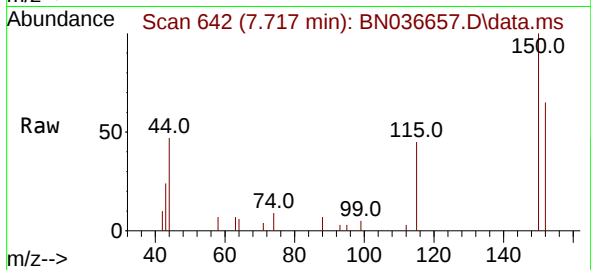
Quant Time: Mar 17 14:00:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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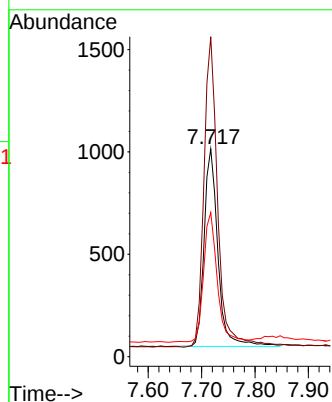
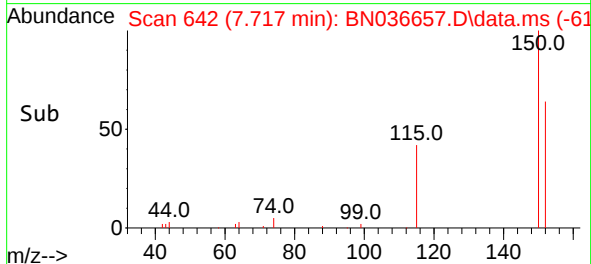


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036657.D
 Acq: 17 Mar 2025 13:26

Instrument :
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 ClientSampleId :
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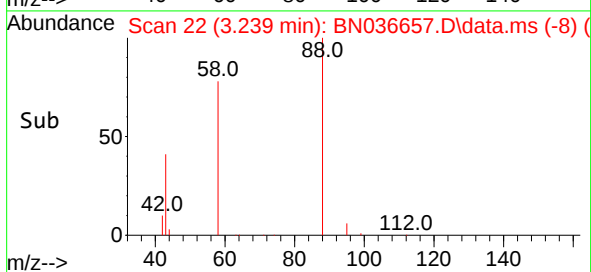
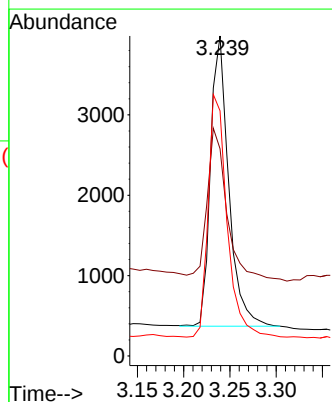
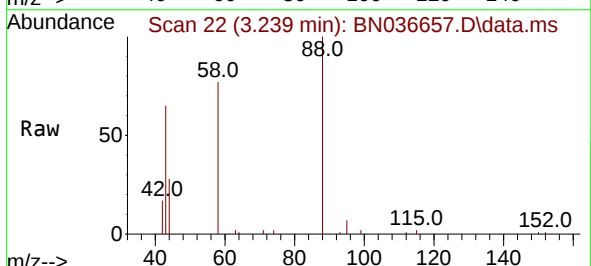


Tgt Ion:152 Resp: 1739
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.7 185.5
 115 69.4 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.545 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036657.D
 Acq: 17 Mar 2025 13:26

Tgt Ion: 88 Resp: 4909
 Ion Ratio Lower Upper
 88 100
 43 55.0 37.8 56.8
 58 87.3 67.4 101.2

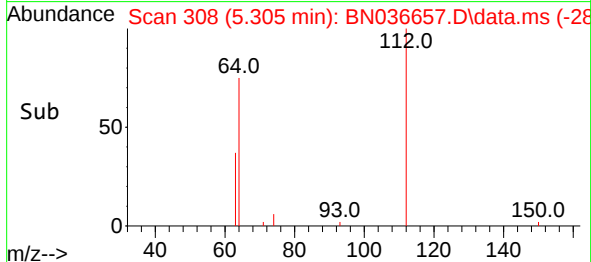
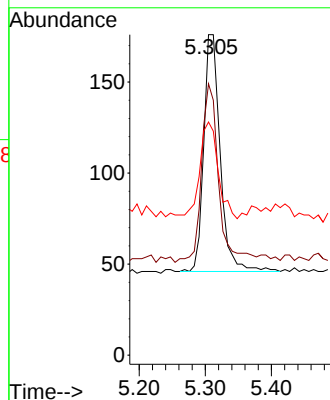
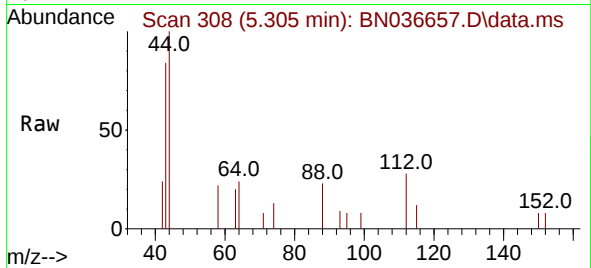




#4
2-Fluorophenol
Concen: 0.055 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036657.D
Acq: 17 Mar 2025 13:26

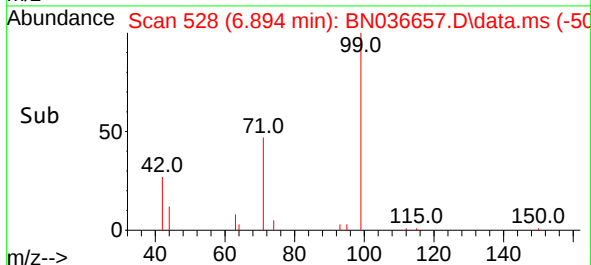
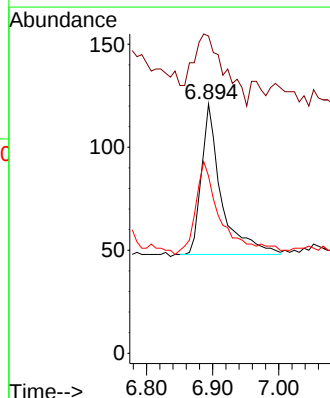
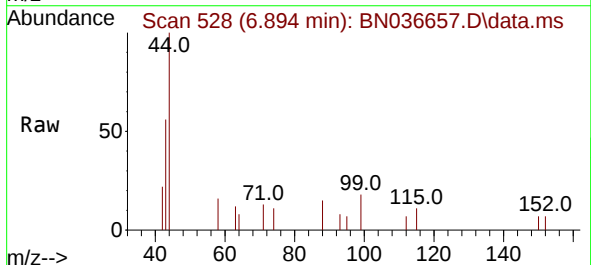
Instrument :
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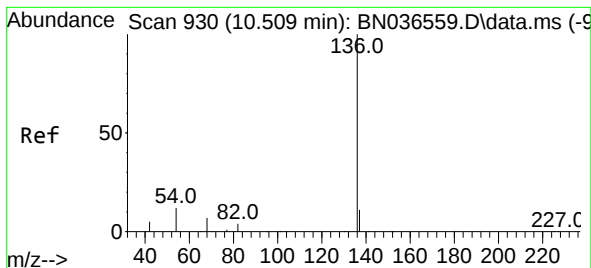
Tgt Ion:112 Resp: 224
Ion Ratio Lower Upper
112 100
64 78.6 53.1 79.7
63 45.1 31.8 47.8



#5
Phenol-d6
Concen: 0.031 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036657.D
Acq: 17 Mar 2025 13:26

Tgt Ion: 99 Resp: 153
Ion Ratio Lower Upper
99 100
42 73.2 26.5 39.7#
71 79.1 34.1 51.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.509 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN036657.D

Acq: 17 Mar 2025 13:26

Instrument :

BNA_N

ClientSampleId :

RE134D3-20250310DL

Tgt Ion:136 Resp: 4171

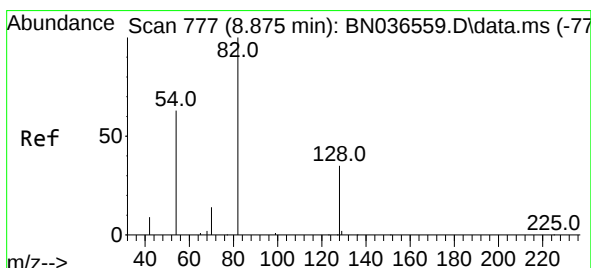
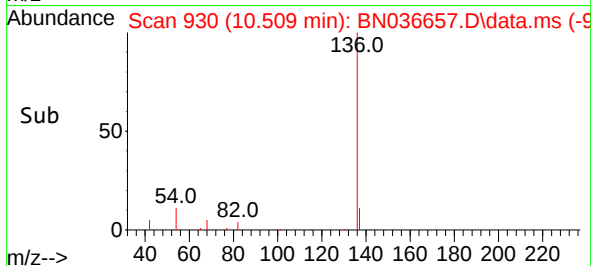
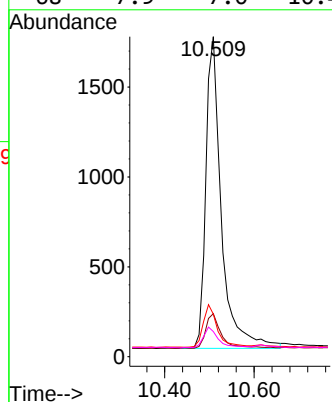
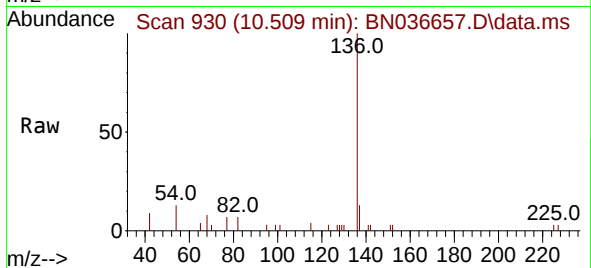
Ion Ratio Lower Upper

136 100

137 13.5 10.3 15.5

54 13.3 11.5 17.3

68 7.9 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.108 ng

RT: 8.875 min Scan# 777

Delta R.T. 0.000 min

Lab File: BN036657.D

Acq: 17 Mar 2025 13:26

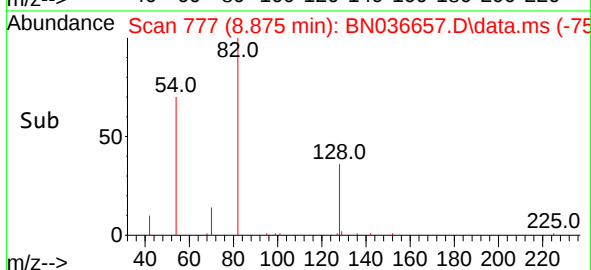
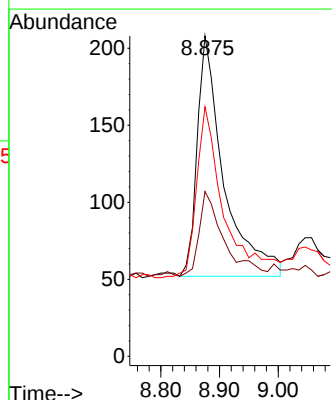
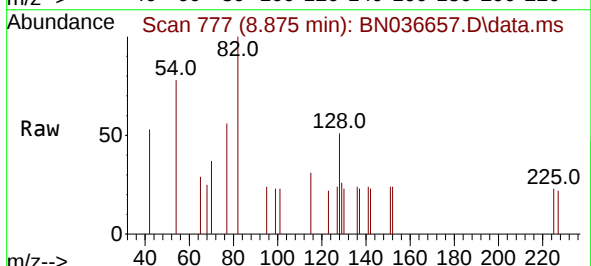
Tgt Ion: 82 Resp: 492

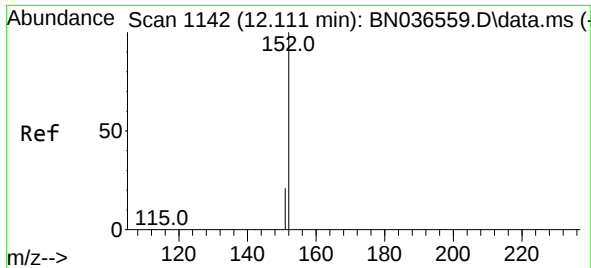
Ion Ratio Lower Upper

82 100

128 51.4 30.6 45.8#

54 77.9 52.2 78.4

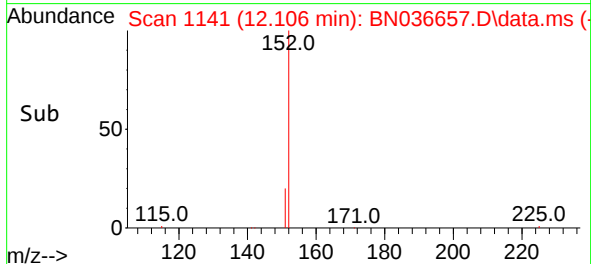
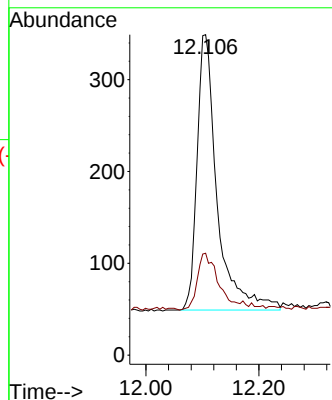
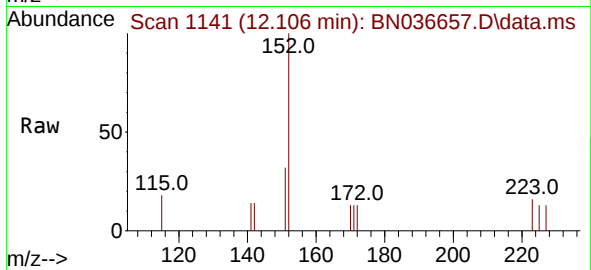




#11
2-Methylnaphthalene-d10
Concen: 0.120 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036657.D
Acq: 17 Mar 2025 13:26

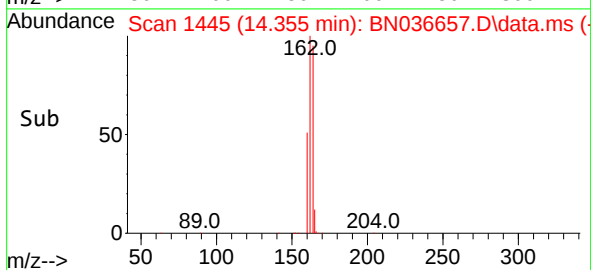
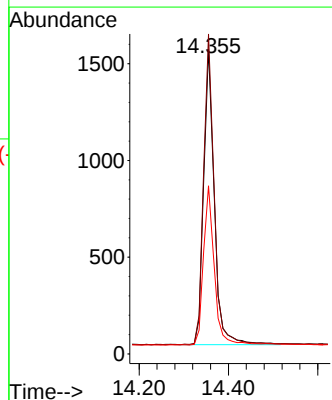
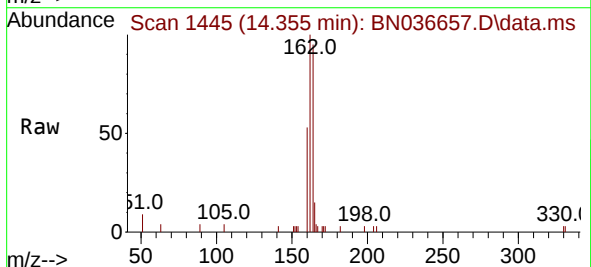
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250310DL

Tgt Ion:152 Resp: 743
Ion Ratio Lower Upper
152 100
151 22.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036657.D
Acq: 17 Mar 2025 13:26

Tgt Ion:164 Resp: 2529
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 55.2 42.2 63.2

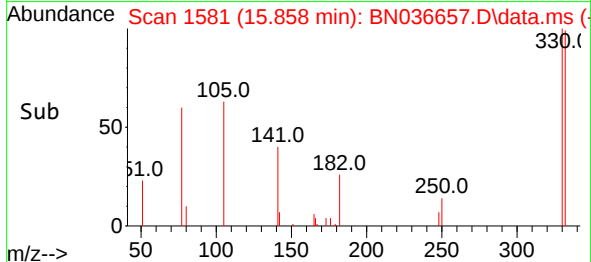
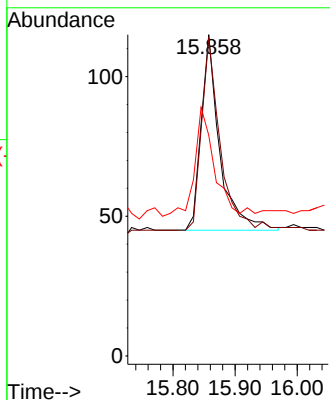
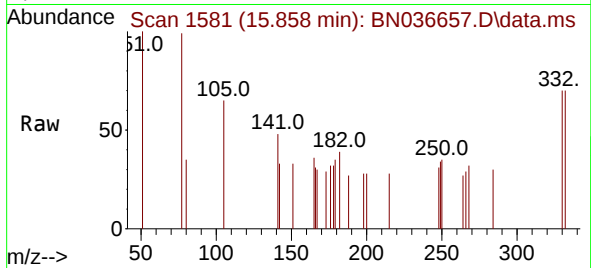




#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036657.D
Acq: 17 Mar 2025 13:26

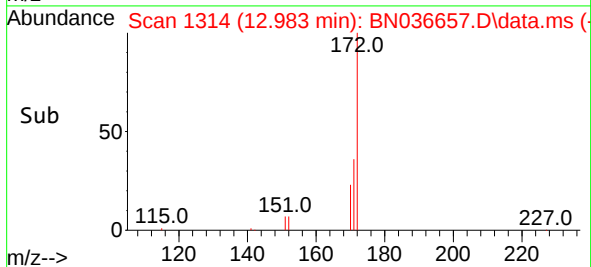
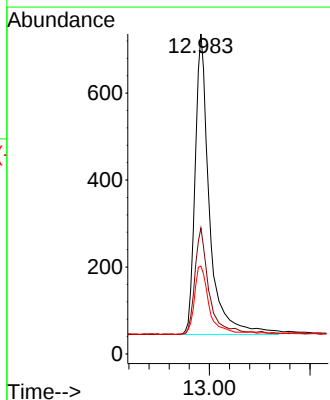
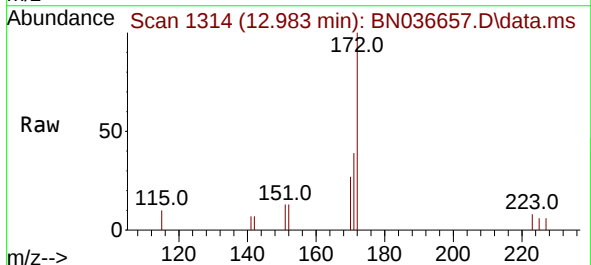
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250310DL

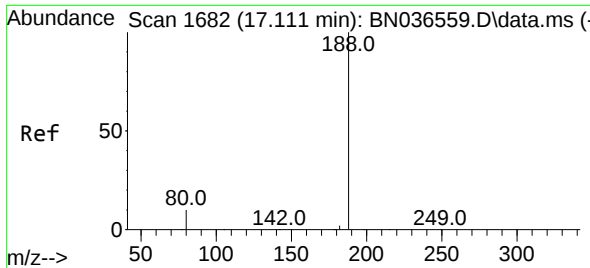
Tgt Ion:330 Resp: 145
Ion Ratio Lower Upper
330 100
332 100.0 75.2 112.8
141 57.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.128 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036657.D
Acq: 17 Mar 2025 13:26

Tgt Ion:172 Resp: 1889
Ion Ratio Lower Upper
172 100
171 39.4 29.5 44.3
170 27.4 20.2 30.4

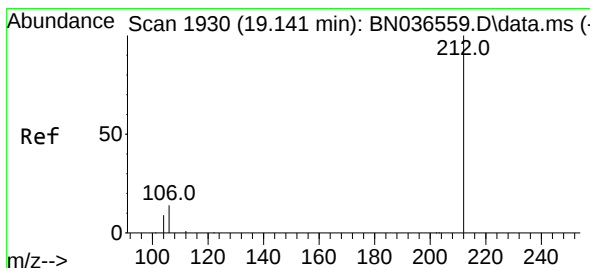
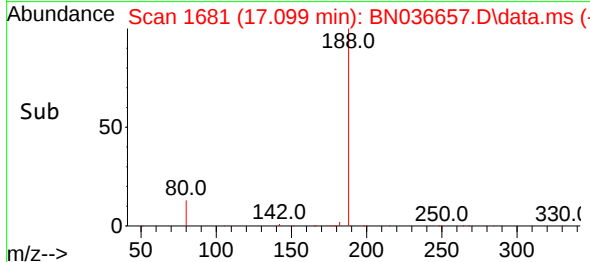
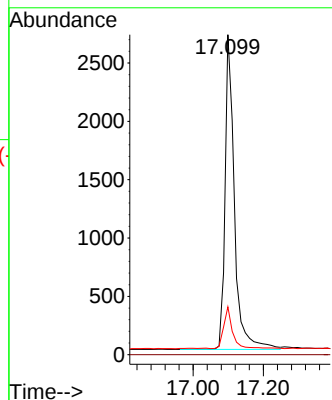
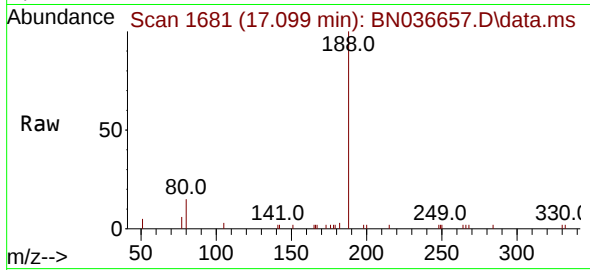




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036657.D
Acq: 17 Mar 2025 13:26

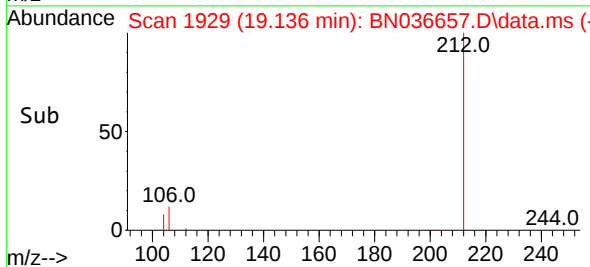
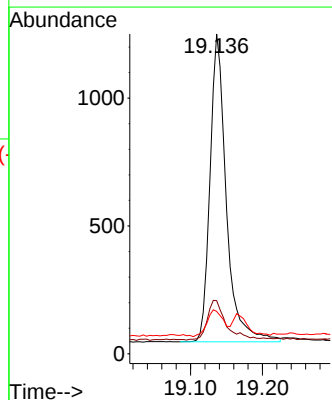
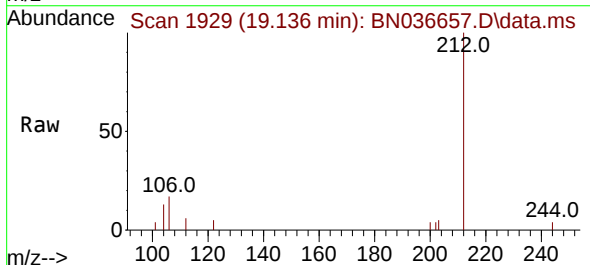
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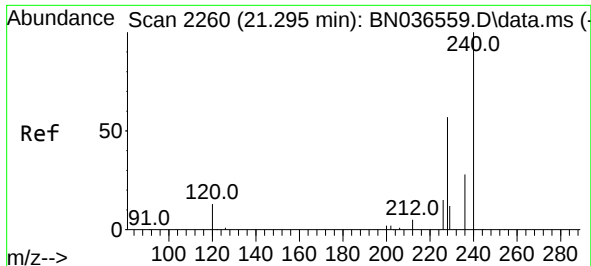
Tgt Ion:188 Resp: 5018
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.147 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036657.D
Acq: 17 Mar 2025 13:26

Tgt Ion:212 Resp: 1890
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 9.0 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.295 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036657.D

Acq: 17 Mar 2025 13:26

Instrument :

BNA_N

ClientSampleId :

RE134D3-20250310DL

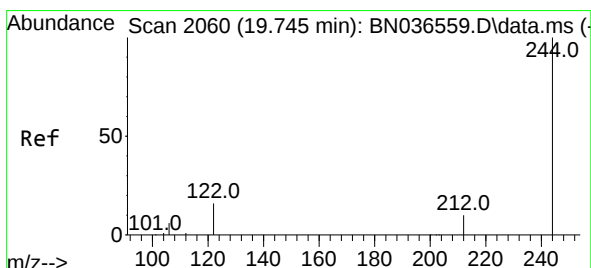
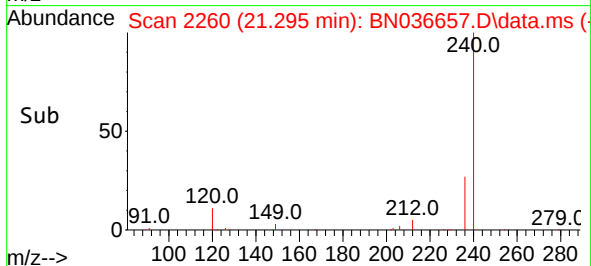
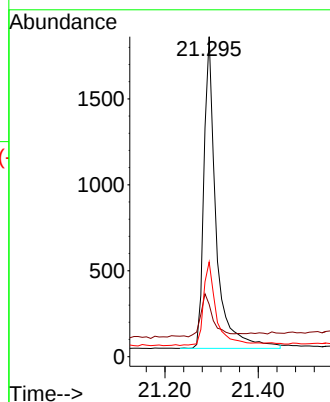
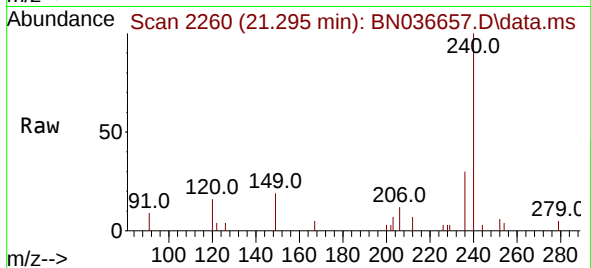
Tgt Ion:240 Resp: 3315

Ion Ratio Lower Upper

240 100

120 16.3 14.6 22.0

236 29.6 24.1 36.1



#31

Terphenyl-d14

Concen: 0.169 ng

RT: 19.736 min Scan# 2058

Delta R.T. -0.009 min

Lab File: BN036657.D

Acq: 17 Mar 2025 13:26

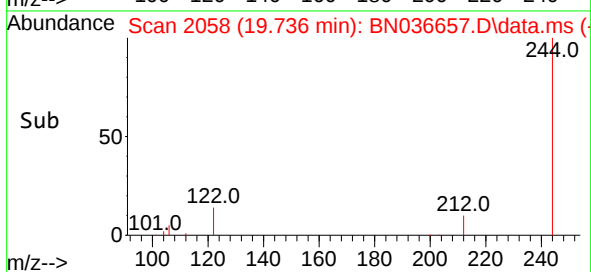
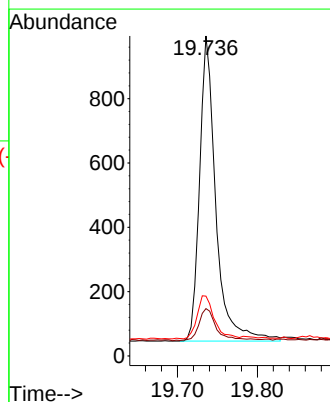
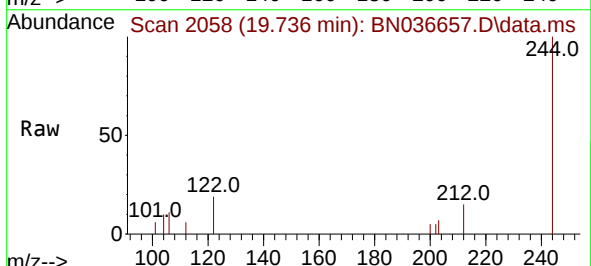
Tgt Ion:244 Resp: 1343

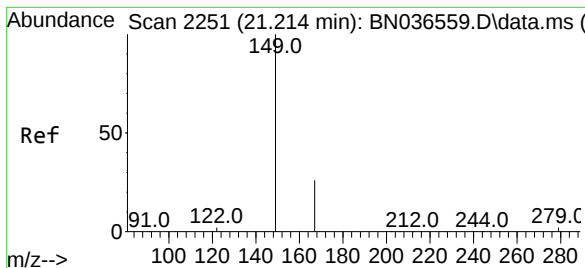
Ion Ratio Lower Upper

244 100

212 14.8 9.6 14.4#

122 18.7 13.9 20.9

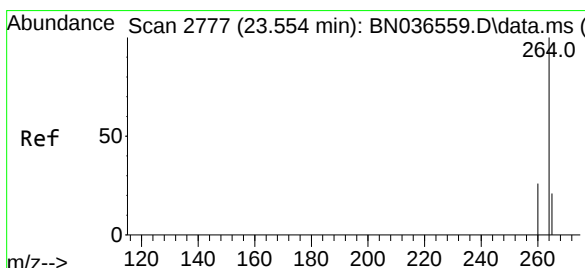
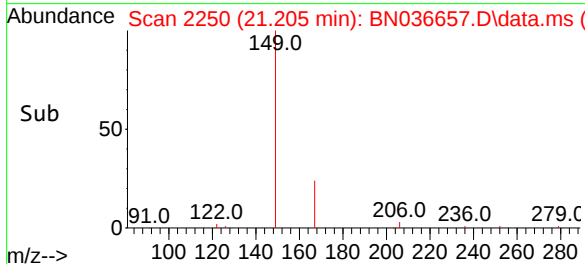
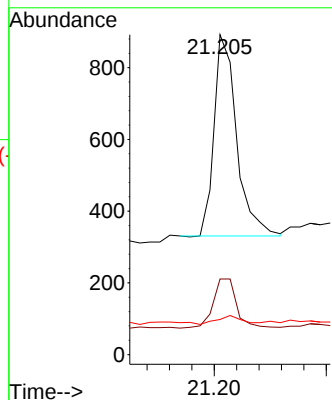
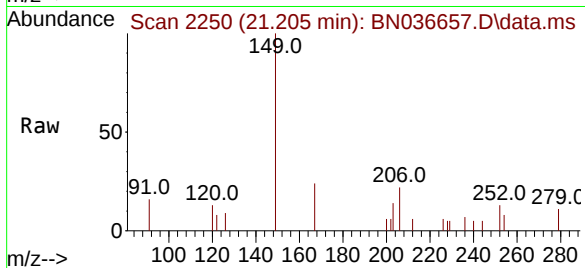




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.095 ng
 RT: 21.205 min Scan# 2120
 Delta R.T. -0.009 min
 Lab File: BN036657.D
 Acq: 17 Mar 2025 13:26

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250310DL

Tgt Ion:149 Resp: 782
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.7 31.1
 279 5.0 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.548 min Scan# 2775
 Delta R.T. -0.006 min
 Lab File: BN036657.D
 Acq: 17 Mar 2025 13:26

Tgt Ion:264 Resp: 2822
 Ion Ratio Lower Upper
 264 100
 260 28.7 22.6 33.8
 265 106.2 88.1 132.1

