

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036743.D
 Acq On : 27 Mar 2025 18:39
 Operator : RC/JU
 Sample : Q1608-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20250318

Quant Time: Mar 28 00:57:32 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)

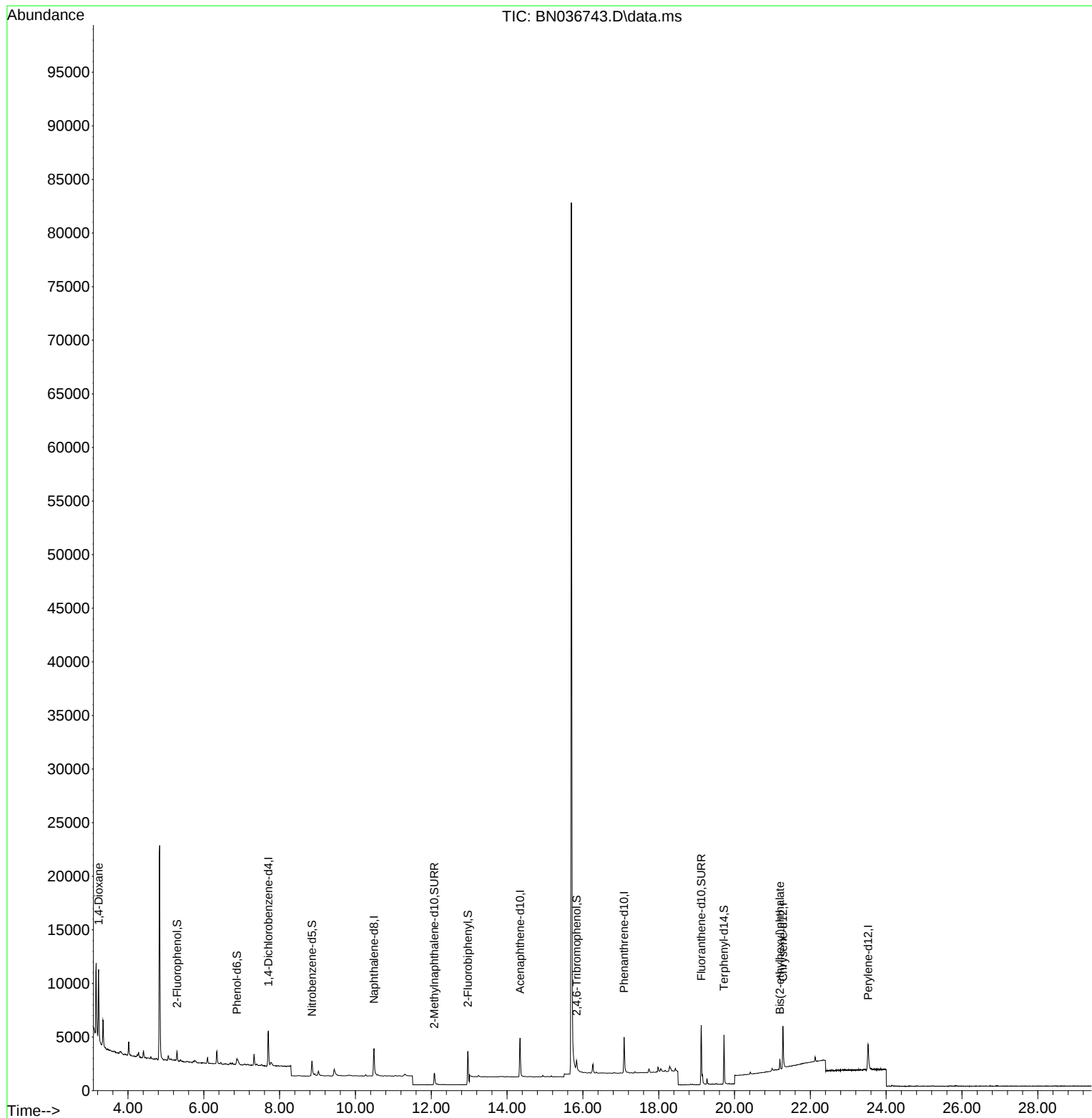
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1616	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3792	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2336	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5096	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4215	0.400	ng	-0.02
35) Perylene-d12	23.522	264	3687	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	669	0.178	ng	-0.01
5) Phenol-d6	6.872	99	458	0.098	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1399	0.339	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1898	0.337	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	528	0.498	ng	-0.02
15) 2-Fluorobiphenyl	12.968	172	4705	0.346	ng	-0.02
27) Fluoranthene-d10	19.122	212	6486	0.497	ng	-0.02
31) Terphenyl-d14	19.722	244	4537	0.449	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.225	88	3681	2.053	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.196	149	932	0.089	ng	# 99

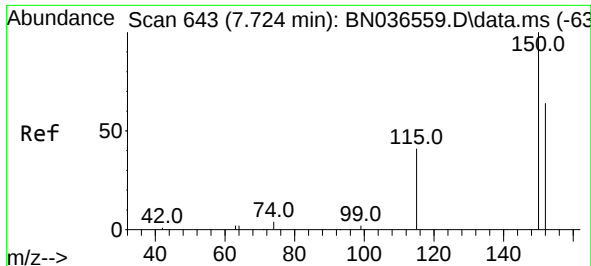
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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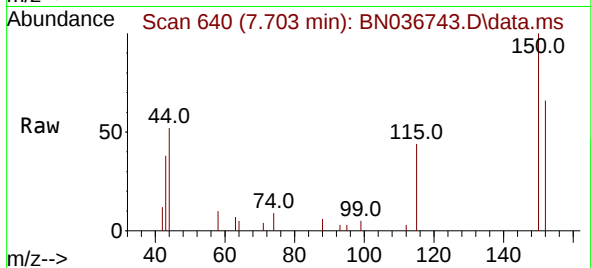
Quant Time: Mar 28 00:57:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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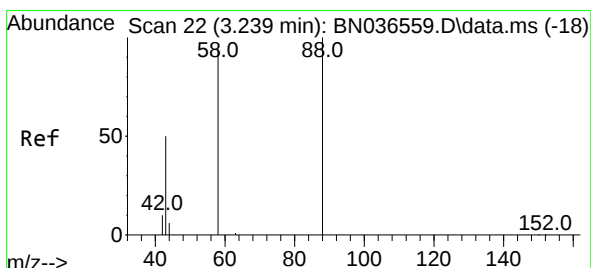
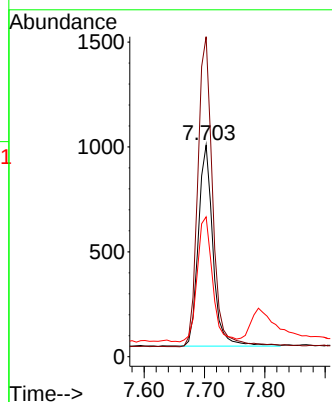
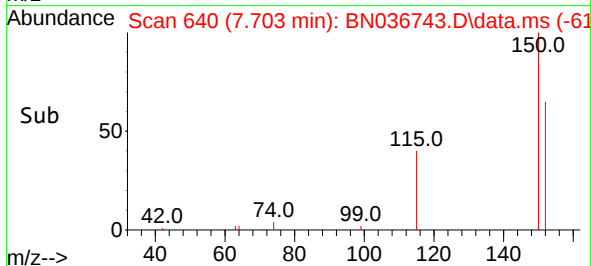


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036743.D
 Acq: 27 Mar 2025 18:39

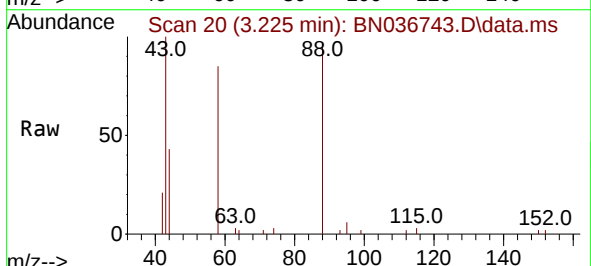
Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20250318



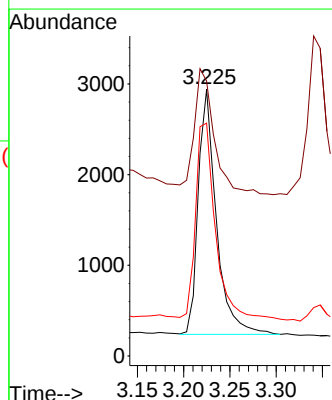
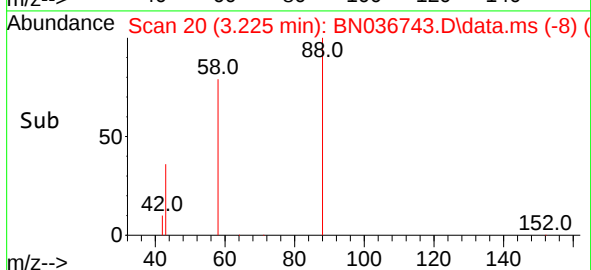
Tgt Ion:152 Resp: 1616
 Ion Ratio Lower Upper
 152 100
 150 151.2 123.7 185.5
 115 66.1 54.3 81.5

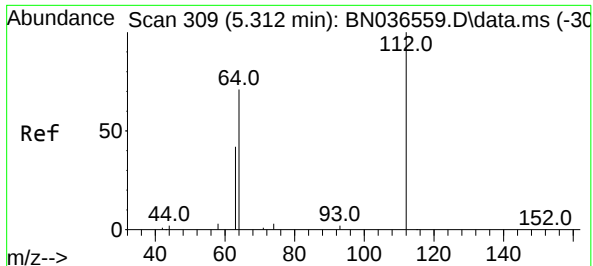


#2
 1,4-Dioxane
 Concen: 2.053 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036743.D
 Acq: 27 Mar 2025 18:39



Tgt Ion: 88 Resp: 3681
 Ion Ratio Lower Upper
 88 100
 43 56.9 37.8 56.8#
 58 87.3 67.4 101.2

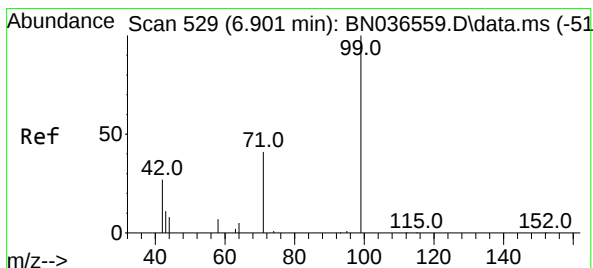
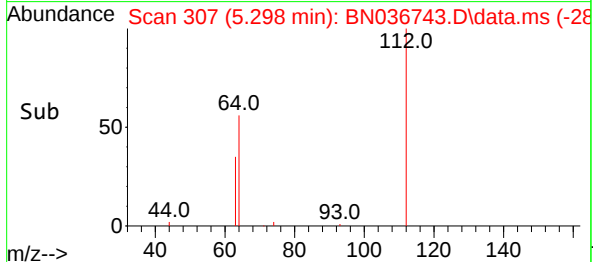
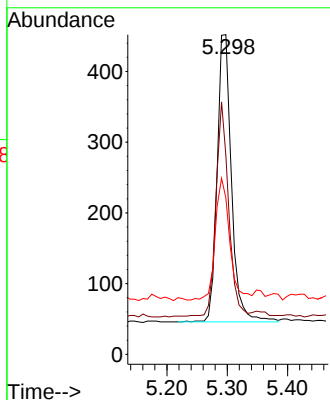
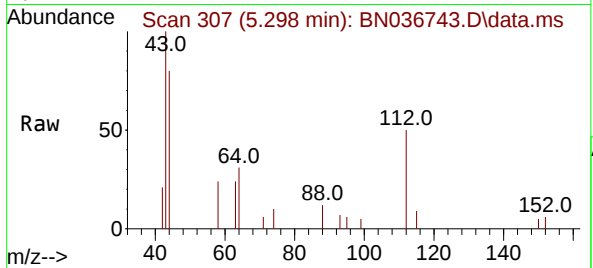




#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.014 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

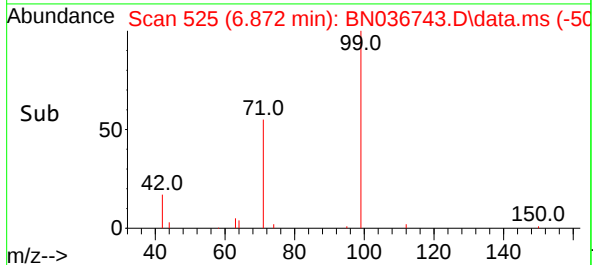
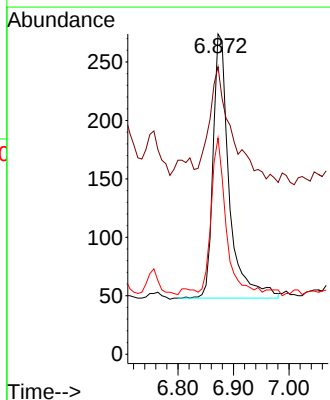
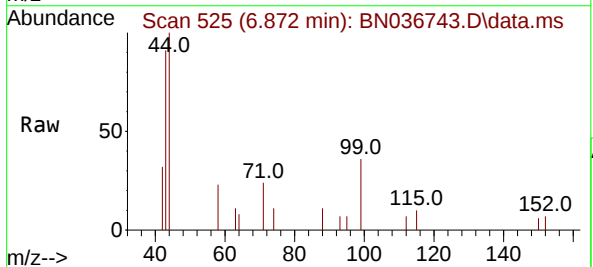
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20250318

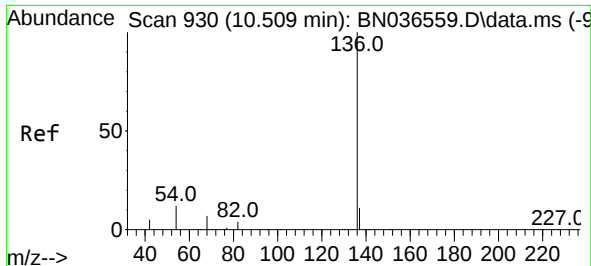
Tgt Ion:112 Resp: 669
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 42.2 31.8 47.8



#5
Phenol-d6
Concen: 0.098 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

Tgt Ion: 99 Resp: 458
Ion Ratio Lower Upper
99 100
42 62.4 26.5 39.7#
71 52.4 34.1 51.1#

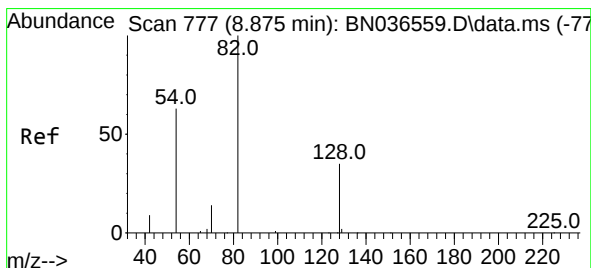
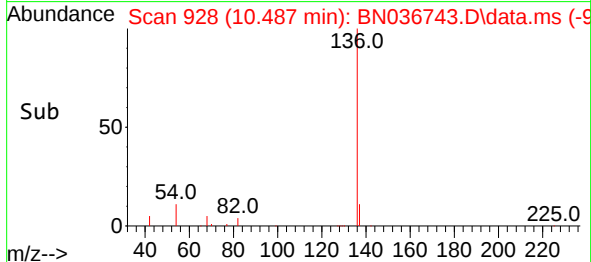
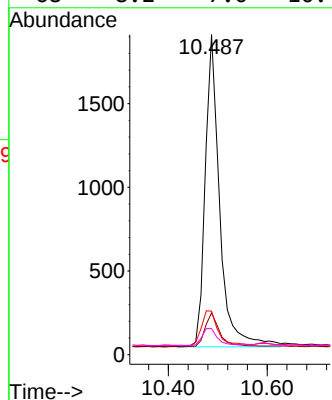
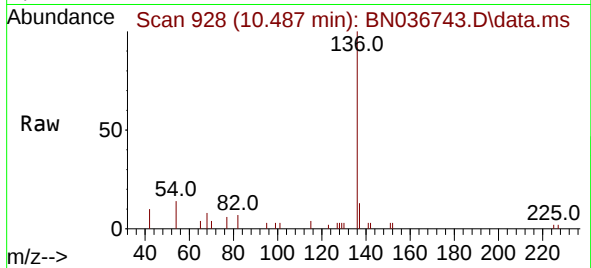




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

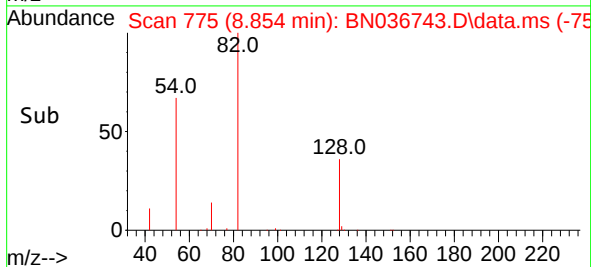
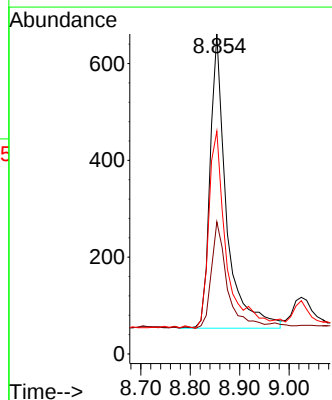
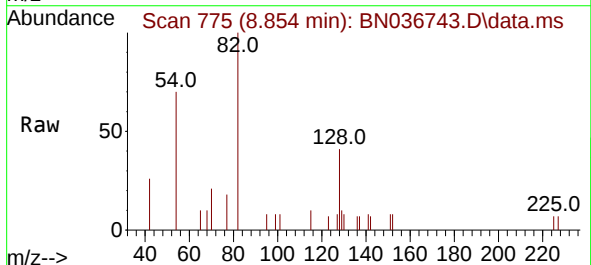
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20250318

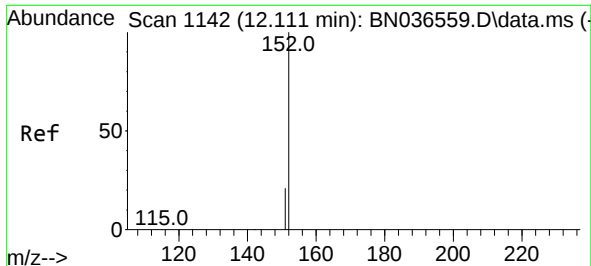
Tgt Ion:	136	Resp:	3792
Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.3	15.5
54	13.6	11.5	17.3
68	8.2	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

Tgt Ion:	82	Resp:	1399
Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.6	45.8
54	69.6	52.2	78.4

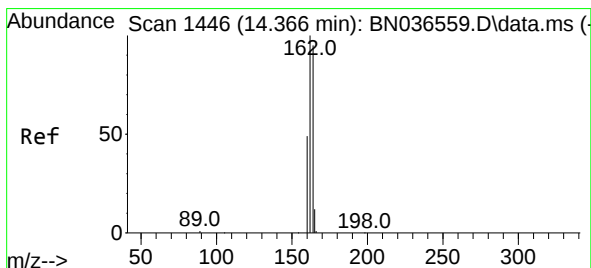
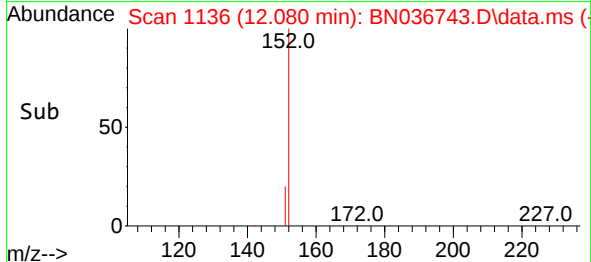
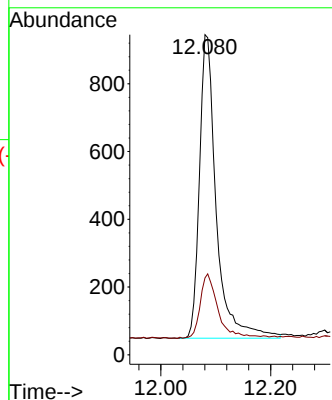
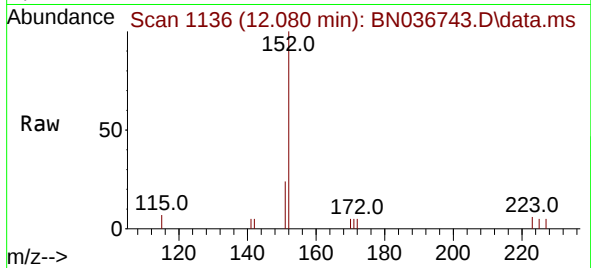




#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

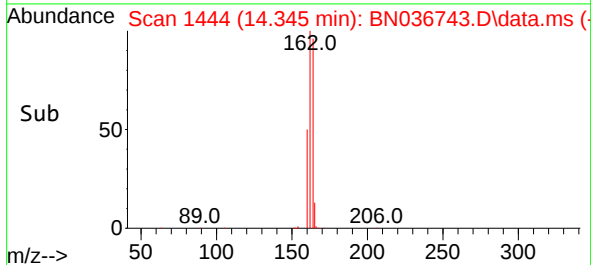
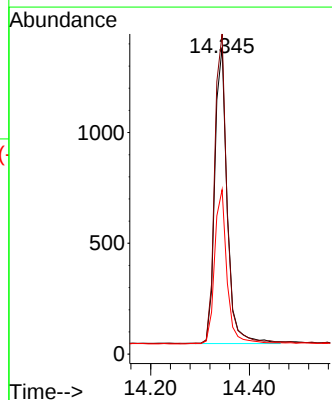
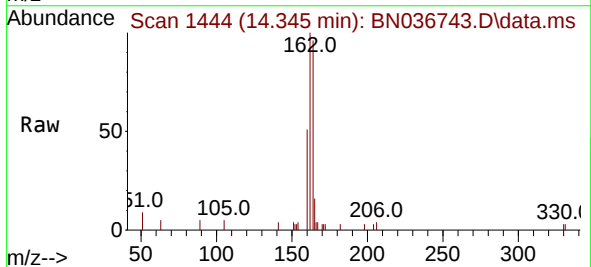
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20250318

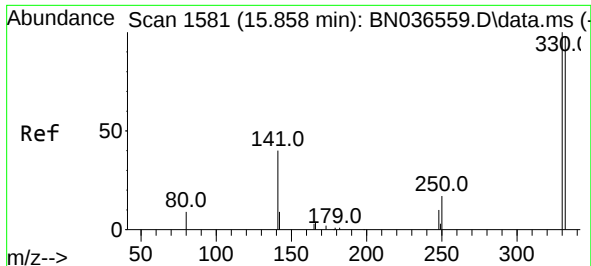
Tgt Ion:152 Resp: 1898
Ion Ratio Lower Upper
152 100
151 22.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

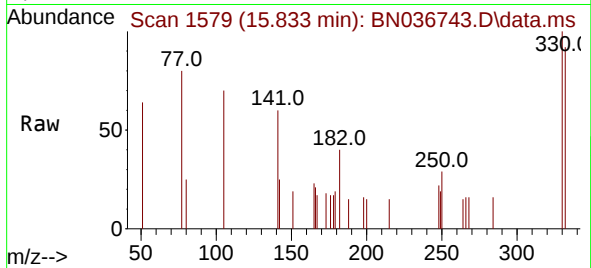
Tgt Ion:164 Resp: 2336
Ion Ratio Lower Upper
164 100
162 104.4 84.2 126.2
160 53.6 42.2 63.2



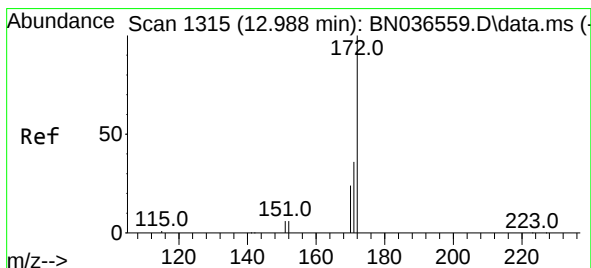
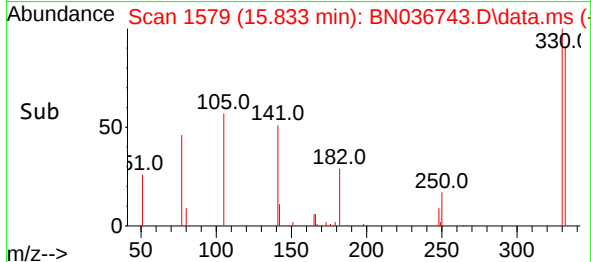
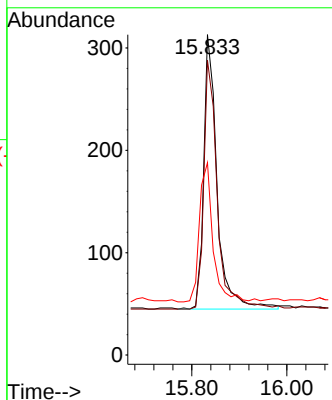


#14
2,4,6-Tribromophenol
Concen: 0.498 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20250318

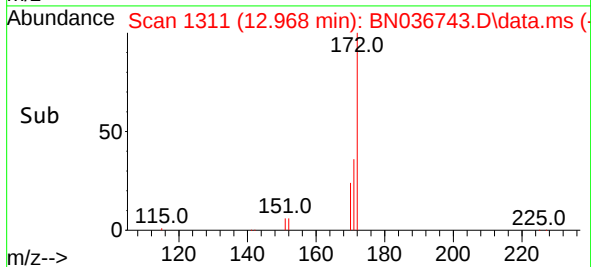
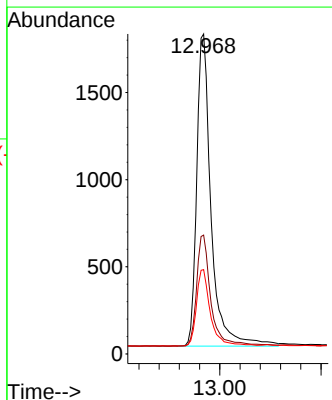
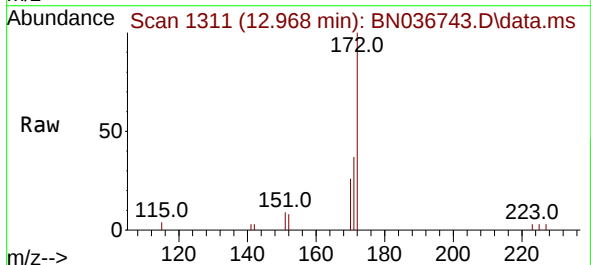


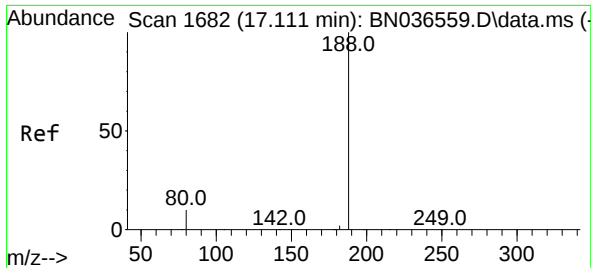
Tgt Ion:330 Resp: 528
Ion Ratio Lower Upper
330 100
332 91.3 75.2 112.8
141 50.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

Tgt Ion:172 Resp: 4705
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 26.4 20.2 30.4

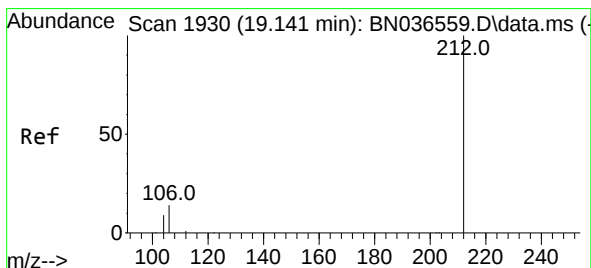
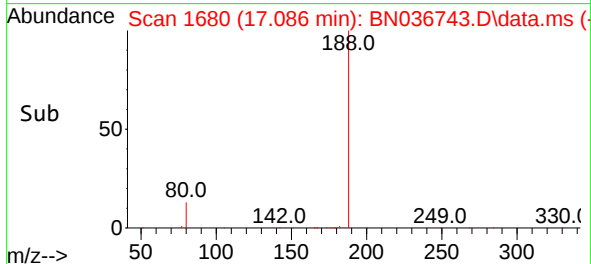
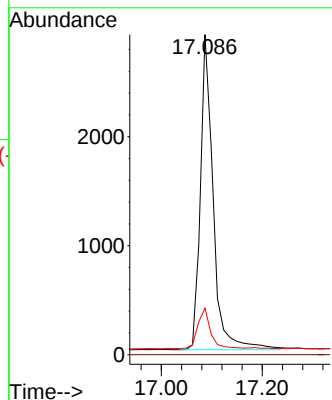
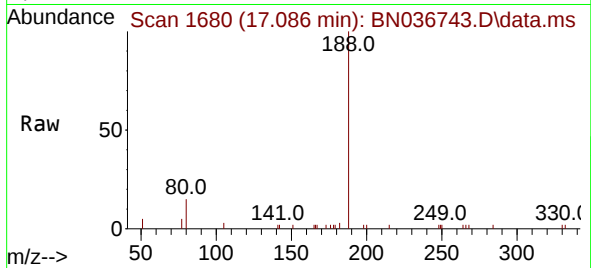




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

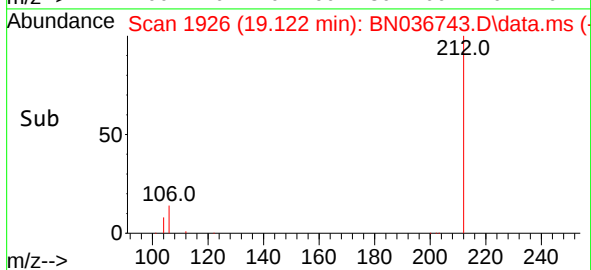
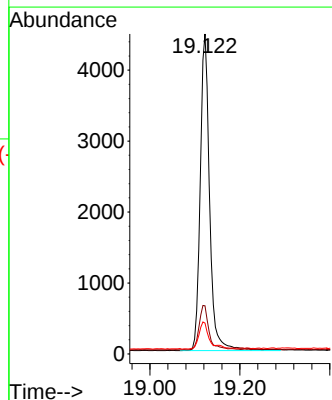
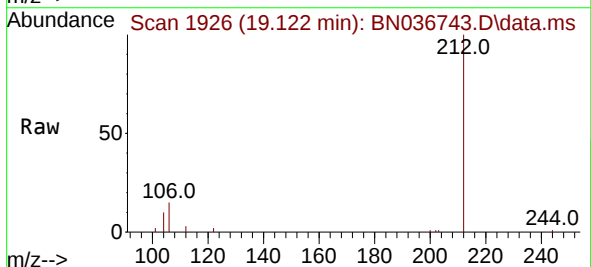
Instrument :
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GM38-RW3-MW1-20250318

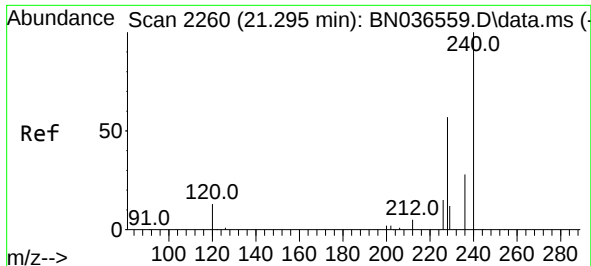
Tgt Ion:188 Resp: 5096
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.497 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.019 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

Tgt Ion:212 Resp: 6486
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 8.3 7.3 10.9

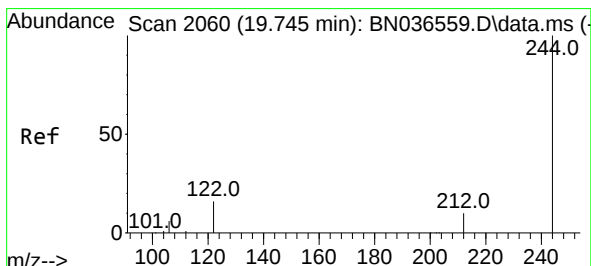
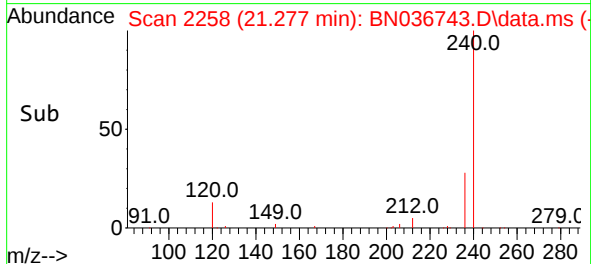
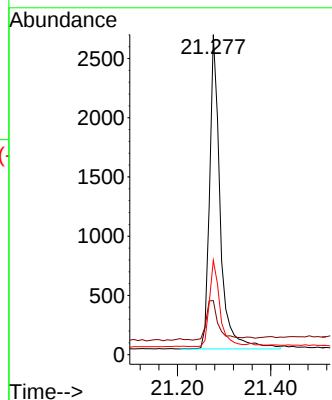
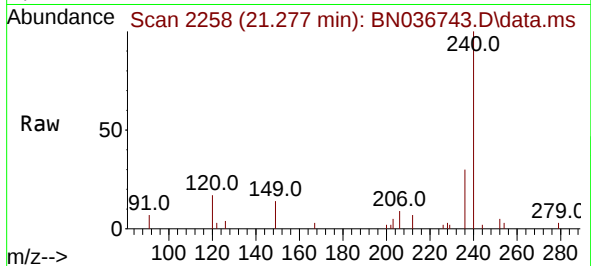




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

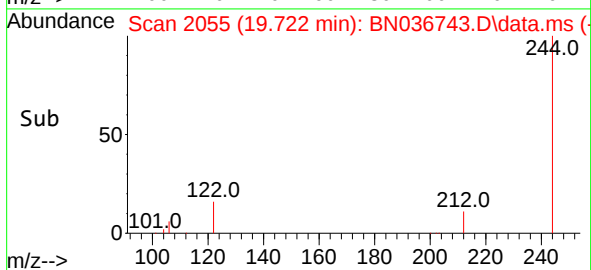
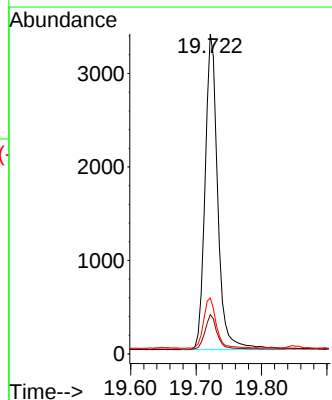
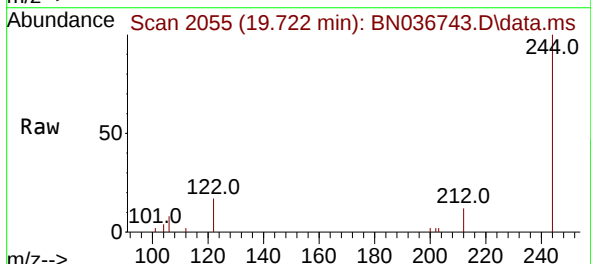
Instrument :
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GM38-RW3-MW1-20250318

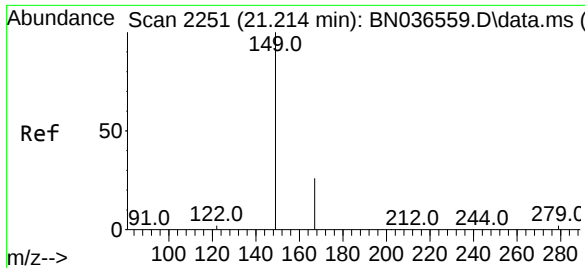
Tgt Ion:240 Resp: 4215
Ion Ratio Lower Upper
240 100
120 16.9 14.6 22.0
236 29.5 24.1 36.1



#31
Terphenyl-d14
Concen: 0.449 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036743.D
Acq: 27 Mar 2025 18:39

Tgt Ion:244 Resp: 4537
Ion Ratio Lower Upper
244 100
212 12.3 9.6 14.4
122 17.5 13.9 20.9

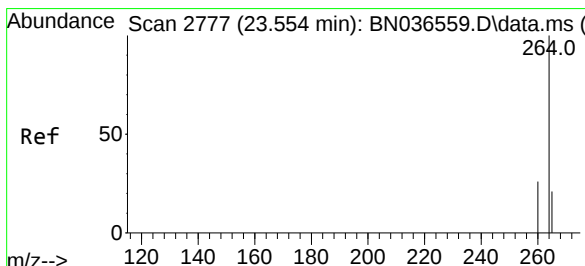
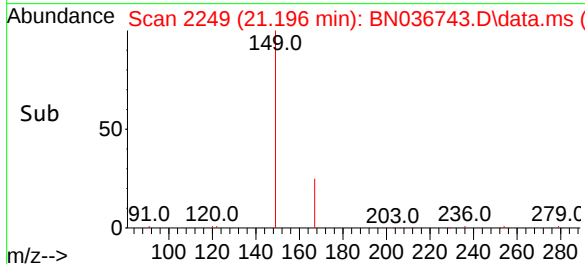
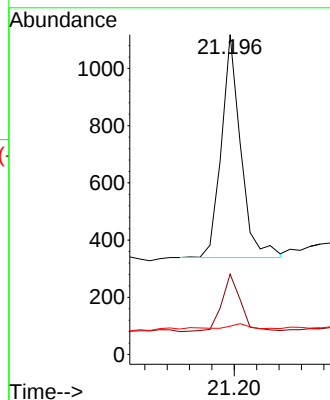
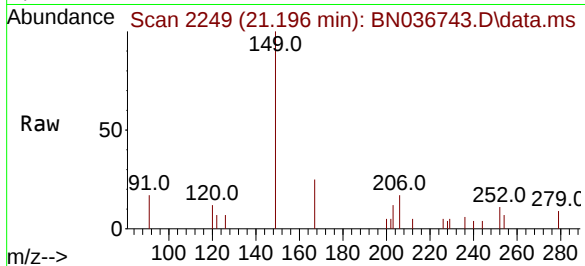




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036743.D
 Acq: 27 Mar 2025 18:39

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20250318

Tgt Ion:149 Resp: 932
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.7 31.1
 279 3.3 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 2766
 Delta R.T. -0.032 min
 Lab File: BN036743.D
 Acq: 27 Mar 2025 18:39

Tgt Ion:264 Resp: 3687
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.6 33.8
 265 85.8 88.1 132.1#

