

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036780.D
 Acq On : 28 Mar 2025 19:26
 Operator : RC/JU
 Sample : Q1608-23DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 22:52:31 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)

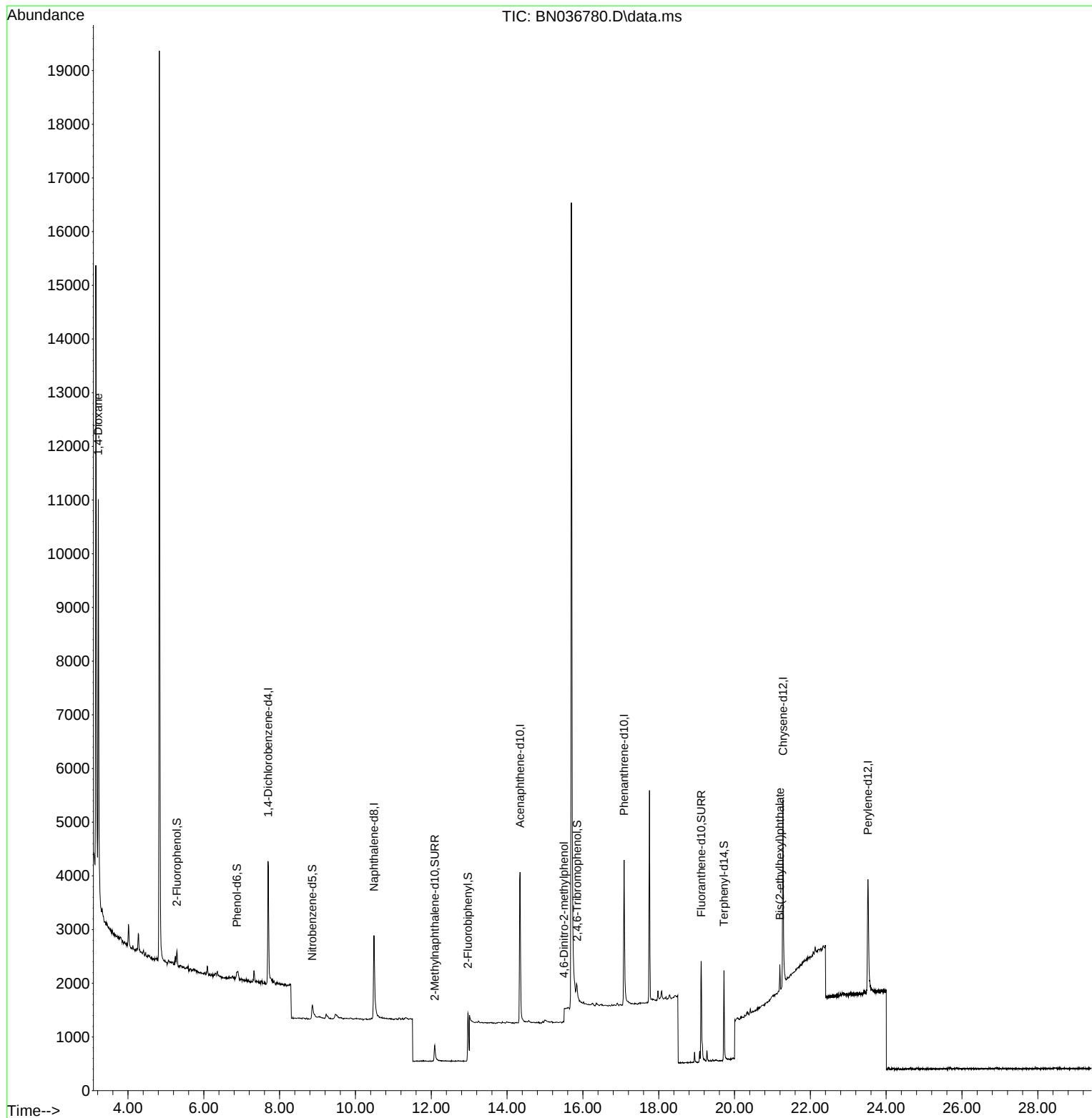
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1210	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	2842	0.400	ng	#-0.02
13) Acenaphthene-d10	14.345	164	1908	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4326	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3875	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3351	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	224	0.079	ng	-0.02
5) Phenol-d6	6.872	99	160	0.046	ng	-0.03
8) Nitrobenzene-d5	8.864	82	439	0.142	ng	-0.01
11) 2-Methylnaphthalene-d10	12.090	152	641	0.152	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	185	0.214	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	1663	0.150	ng	-0.02
27) Fluoranthene-d10	19.122	212	2467	0.223	ng	-0.02
31) Terphenyl-d14	19.722	244	1709	0.184	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	3808	2.837	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.499	198	3	0.148	ng	# 2
34) Bis(2-ethylhexyl)phtha...	21.196	149	537	0.056	ng	# 90

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

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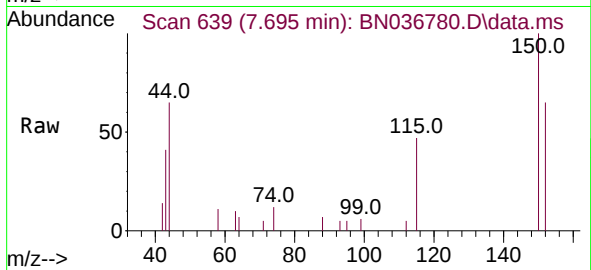
Quant Time: Mar 28 22:52:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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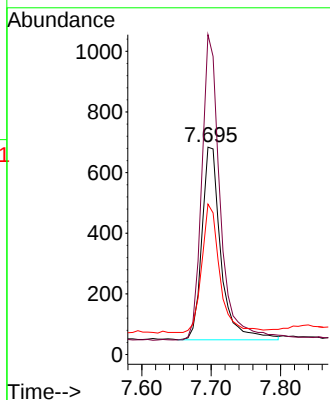
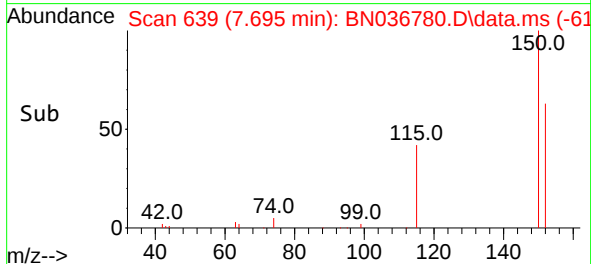


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036780.D
 Acq: 28 Mar 2025 19:26

Instrument :
 BNA_N
 ClientSampleId :

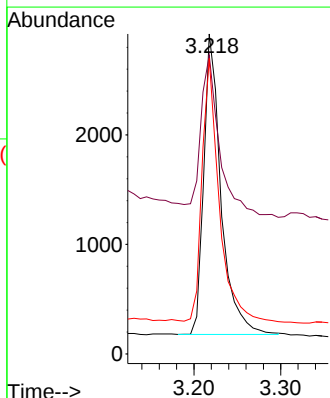
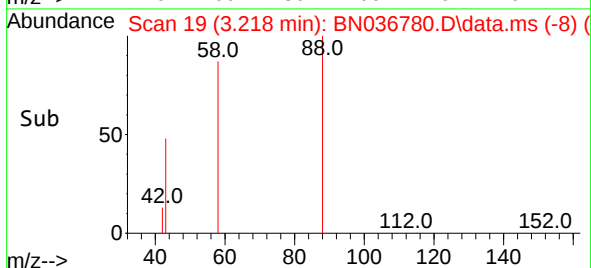
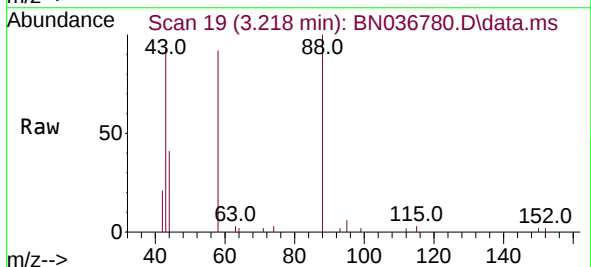


Tgt Ion:152 Resp: 1210
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.7 185.5
 115 72.5 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.837 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036780.D
 Acq: 28 Mar 2025 19:26

Tgt Ion: 88 Resp: 3808
 Ion Ratio Lower Upper
 88 100
 43 60.1 37.8 56.8#
 58 86.0 67.4 101.2

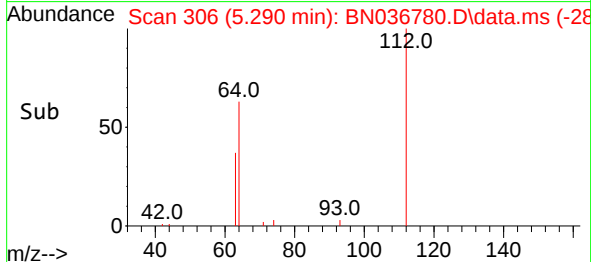
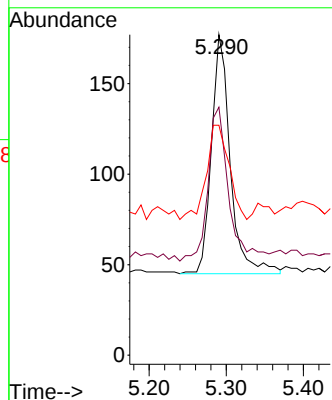
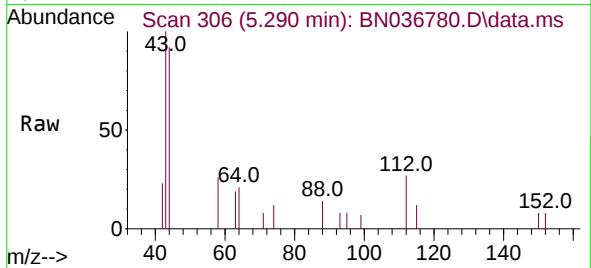




#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

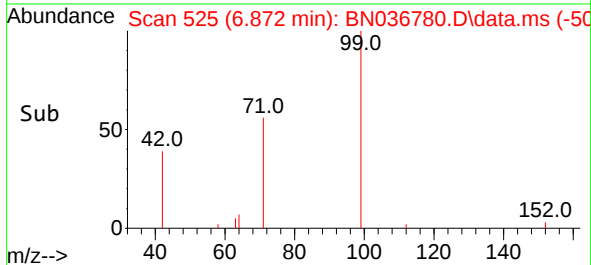
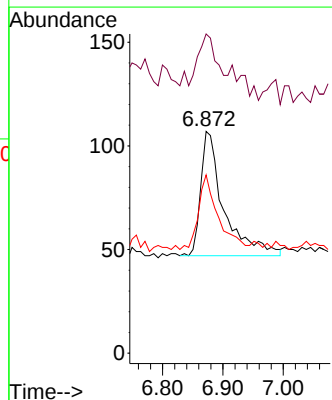
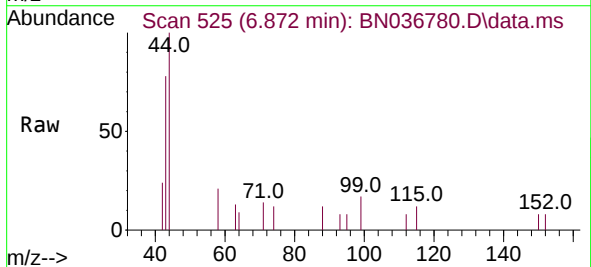
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 224
Ion Ratio Lower Upper
112 100
64 70.5 53.1 79.7
63 46.9 31.8 47.8



#5
Phenol-d6
Concen: 0.046 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion: 99 Resp: 160
Ion Ratio Lower Upper
99 100
42 33.8 26.5 39.7
71 50.6 34.1 51.1

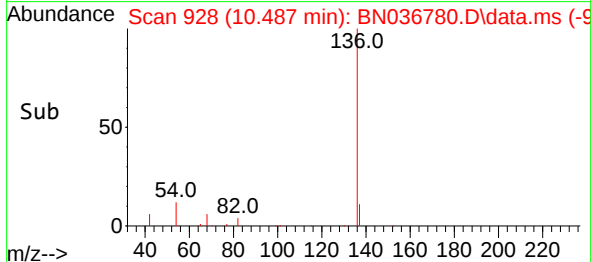
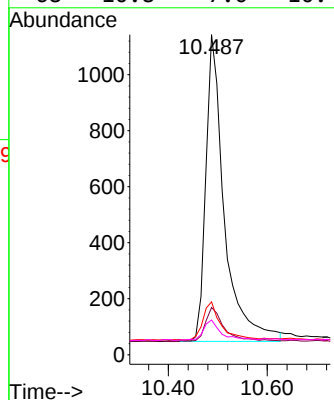
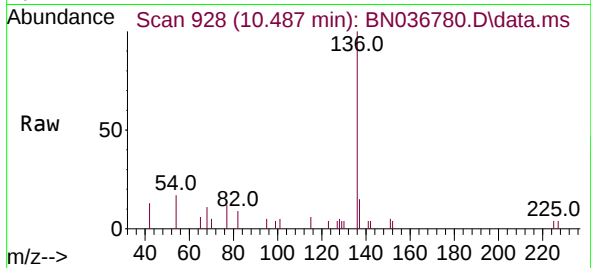




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

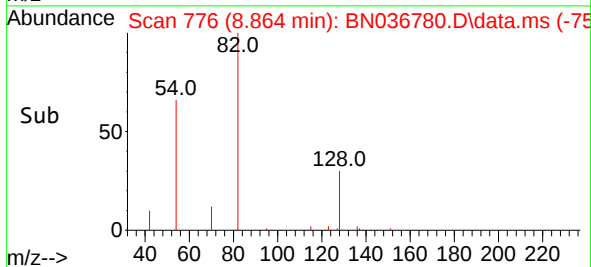
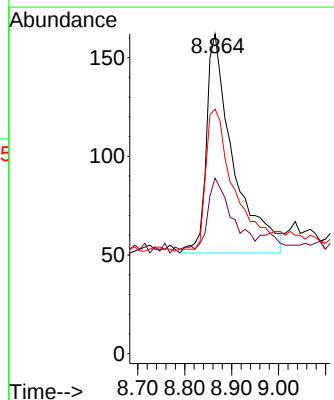
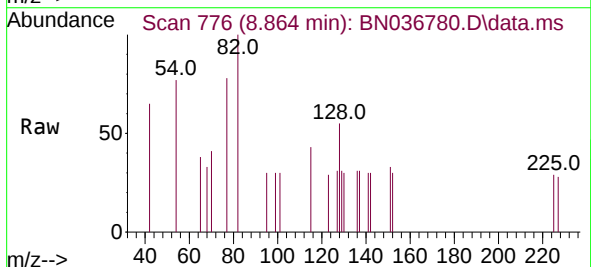
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	2842
Ion	Ratio	Lower	Upper
136	100		
137	14.8	10.3	15.5
54	16.5	11.5	17.3
68	10.8	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.142 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion:	82	Resp:	439
Ion	Ratio	Lower	Upper
82	100		
128	54.9	30.6	45.8
54	76.5	52.2	78.4

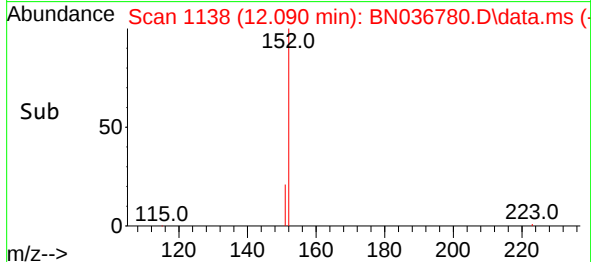
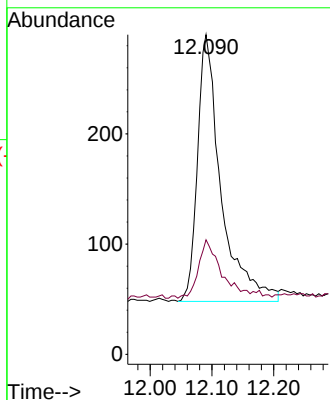
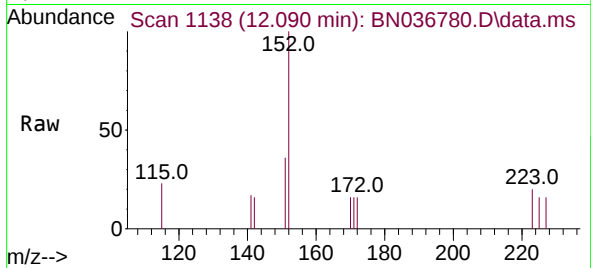




#11
2-Methylnaphthalene-d10
Concen: 0.152 ng
RT: 12.090 min Scan# 1142
Delta R.T. -0.020 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

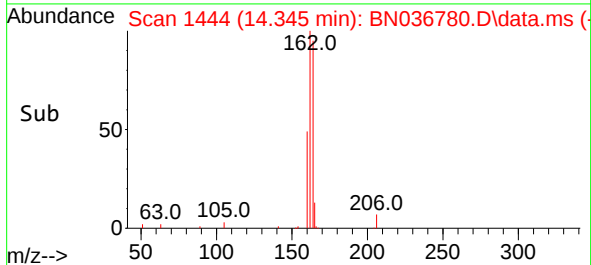
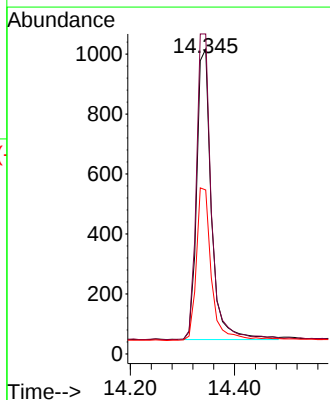
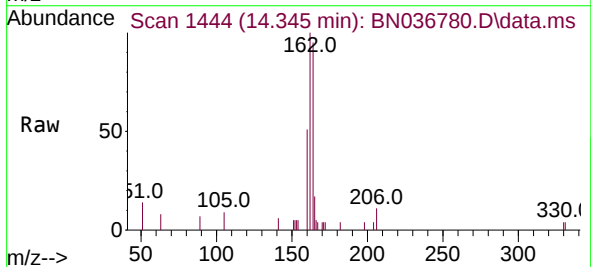
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 641
Ion Ratio Lower Upper
152 100
151 20.9 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: BN036780.D
Acq: 28 Mar 2025 19:26

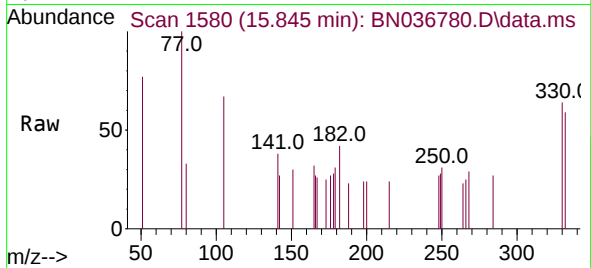
Tgt Ion:164 Resp: 1908
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.2
160 53.8 42.2 63.2



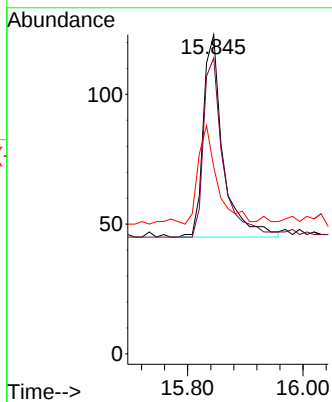
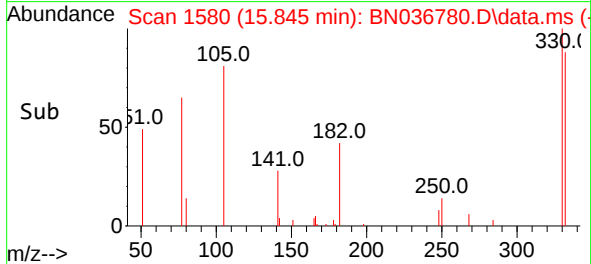


#14
2,4,6-Tribromophenol
Concen: 0.214 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :

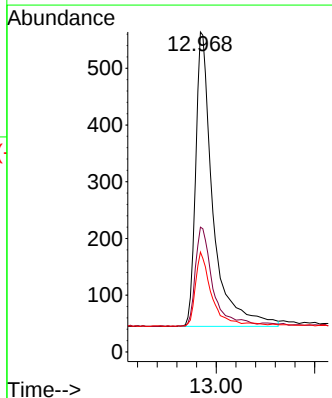
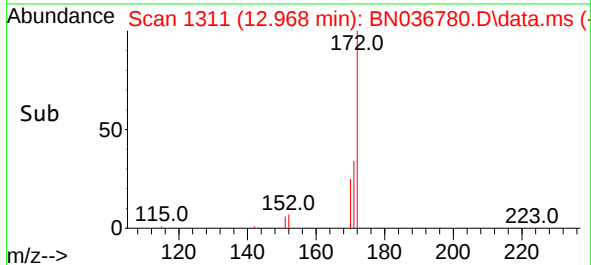
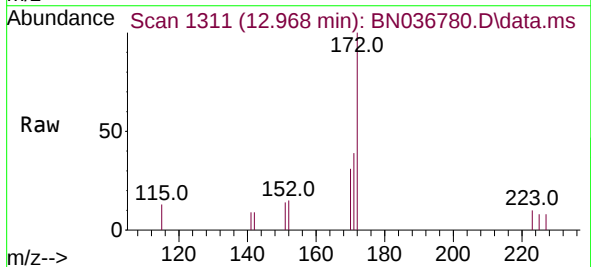


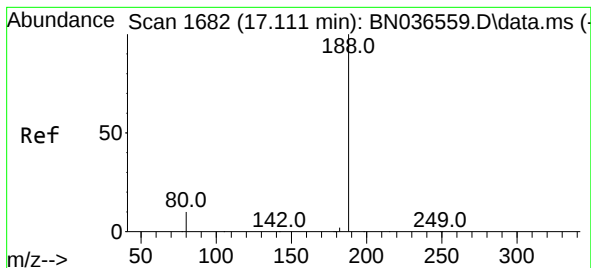
Tgt Ion:330 Resp: 185
Ion Ratio Lower Upper
330 100
332 88.6 75.2 112.8
141 47.6 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.150 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion:172 Resp: 1663
Ion Ratio Lower Upper
172 100
171 39.0 29.5 44.3
170 31.2 20.2 30.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN036780.D

Acq: 28 Mar 2025 19:26

Instrument :

BNA_N

ClientSampleId :

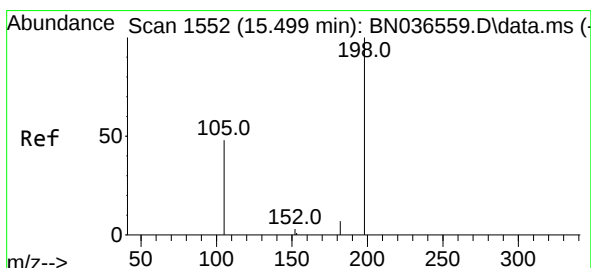
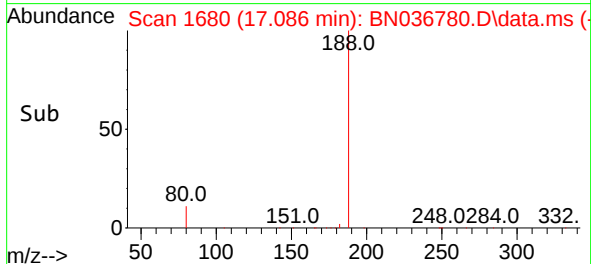
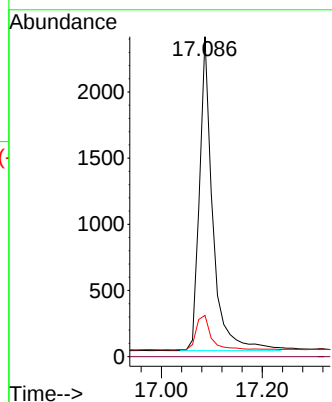
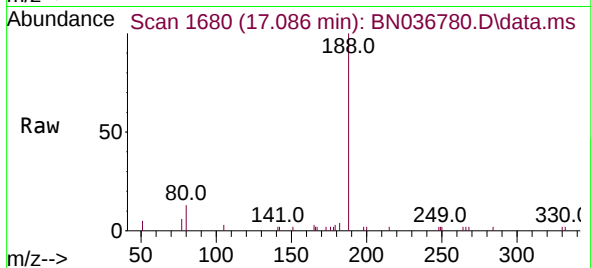
Tgt Ion:188 Resp: 4326

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.9 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.148 ng

RT: 15.499 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BN036780.D

Acq: 28 Mar 2025 19:26

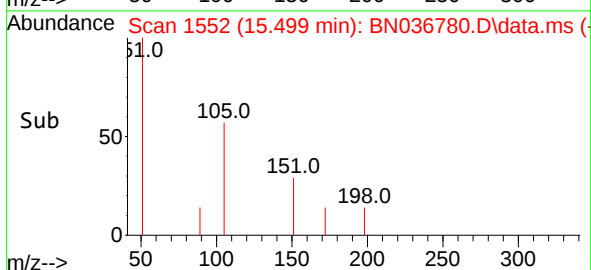
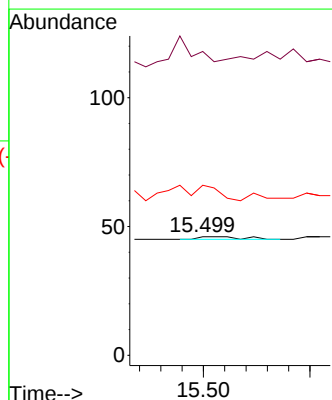
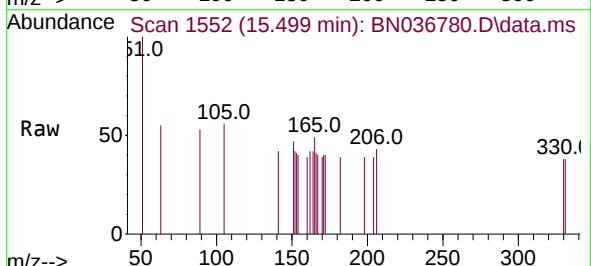
Tgt Ion:198 Resp: 3

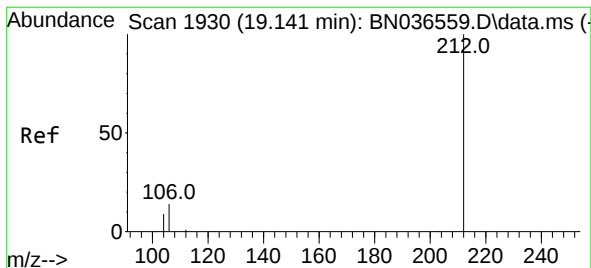
Ion Ratio Lower Upper

198 100

51 256.5 107.9 161.9#

105 143.5 56.2 84.2#





#27

Fluoranthene-d10

Concen: 0.223 ng

RT: 19.122 min Scan# 1930

Delta R.T. -0.019 min

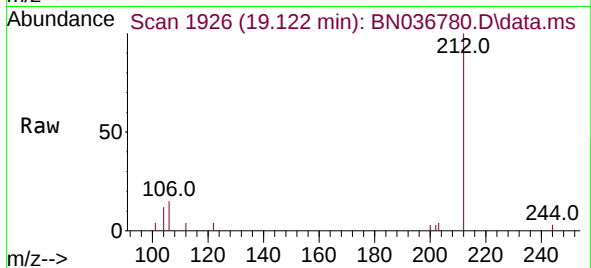
Lab File: BN036780.D

Acq: 28 Mar 2025 19:26

Instrument :

BNA_N

ClientSampleId :



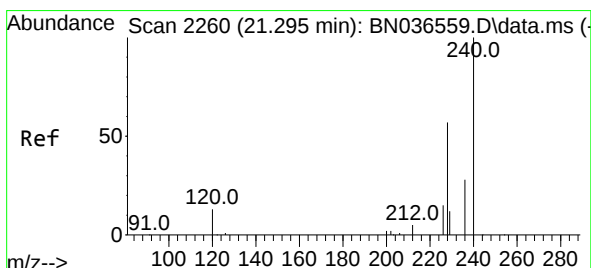
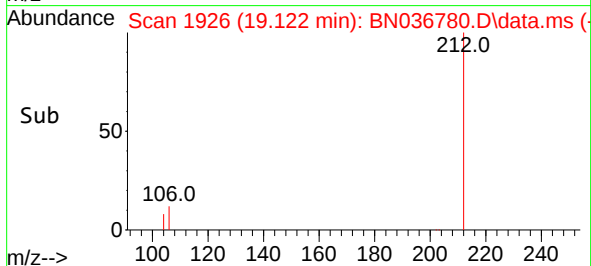
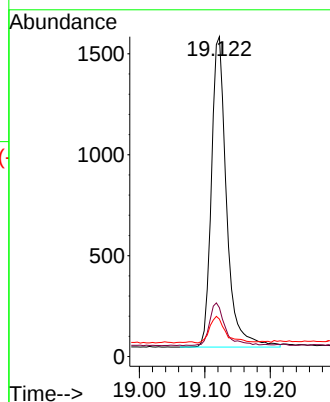
Tgt Ion:212 Resp: 2467

Ion Ratio Lower Upper

212 100

106 14.3 11.8 17.6

104 8.9 7.3 10.9



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 2258

Delta R.T. -0.018 min

Lab File: BN036780.D

Acq: 28 Mar 2025 19:26

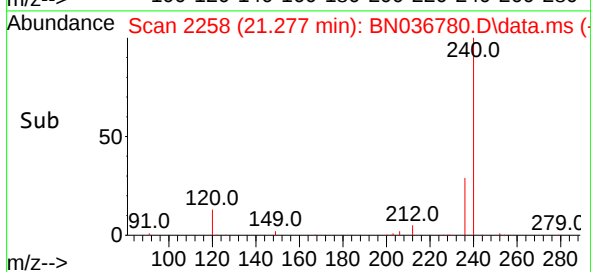
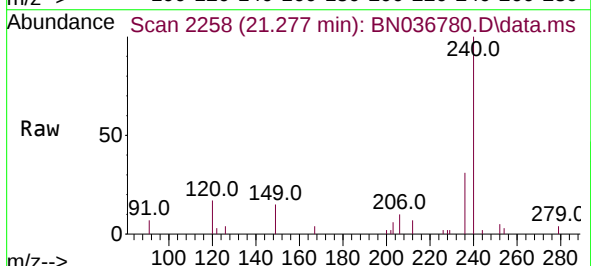
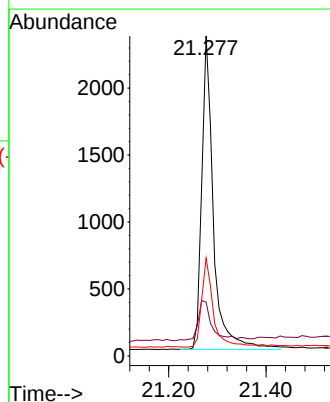
Tgt Ion:240 Resp: 3875

Ion Ratio Lower Upper

240 100

120 16.8 14.6 22.0

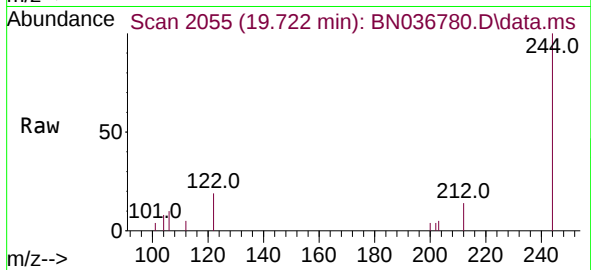
236 30.6 24.1 36.1



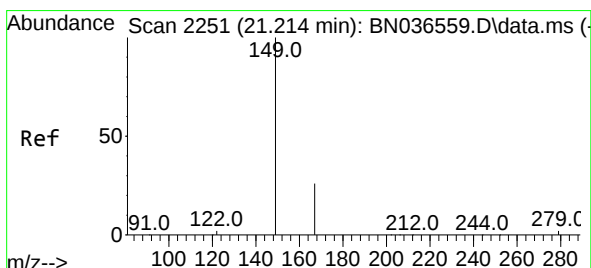
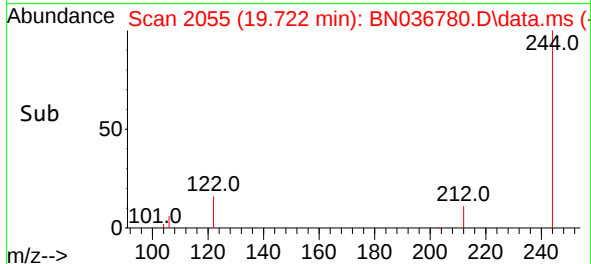
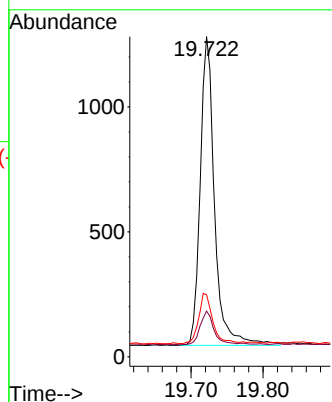


#31
 Terphenyl-d14
 Concen: 0.184 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036780.D
 Acq: 28 Mar 2025 19:26

Instrument :
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 ClientSampleId :

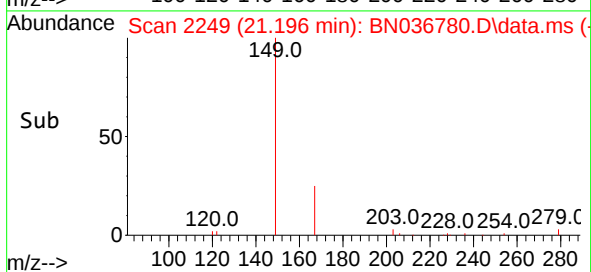
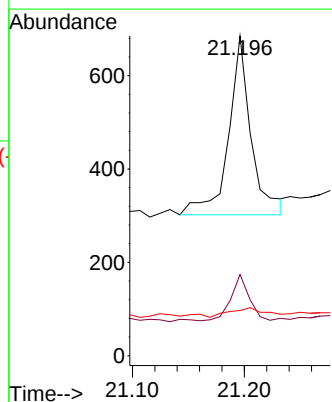
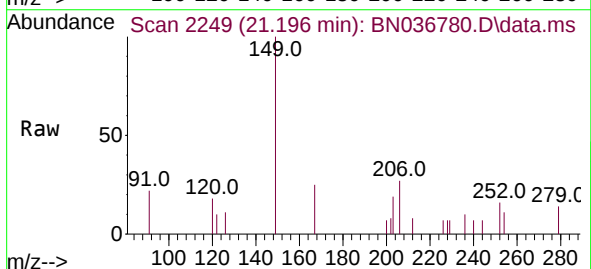


Tgt Ion:244 Resp: 1709
 Ion Ratio Lower Upper
 244 100
 212 14.3 9.6 14.4
 122 19.4 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036780.D
 Acq: 28 Mar 2025 19:26

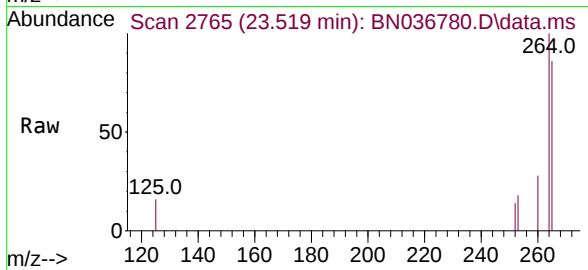
Tgt Ion:149 Resp: 537
 Ion Ratio Lower Upper
 149 100
 167 20.9 20.7 31.1
 279 8.8 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 21
Delta R.T. -0.035 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 3351
Ion Ratio Lower Upper
264 100
260 28.0 22.6 33.8
265 86.4 88.1 132.1#

