

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036746.D
 Acq On : 27 Mar 2025 20:27
 Operator : RC/JU
 Sample : Q1608-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20250317

Quant Time: Mar 28 00:58:11 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)

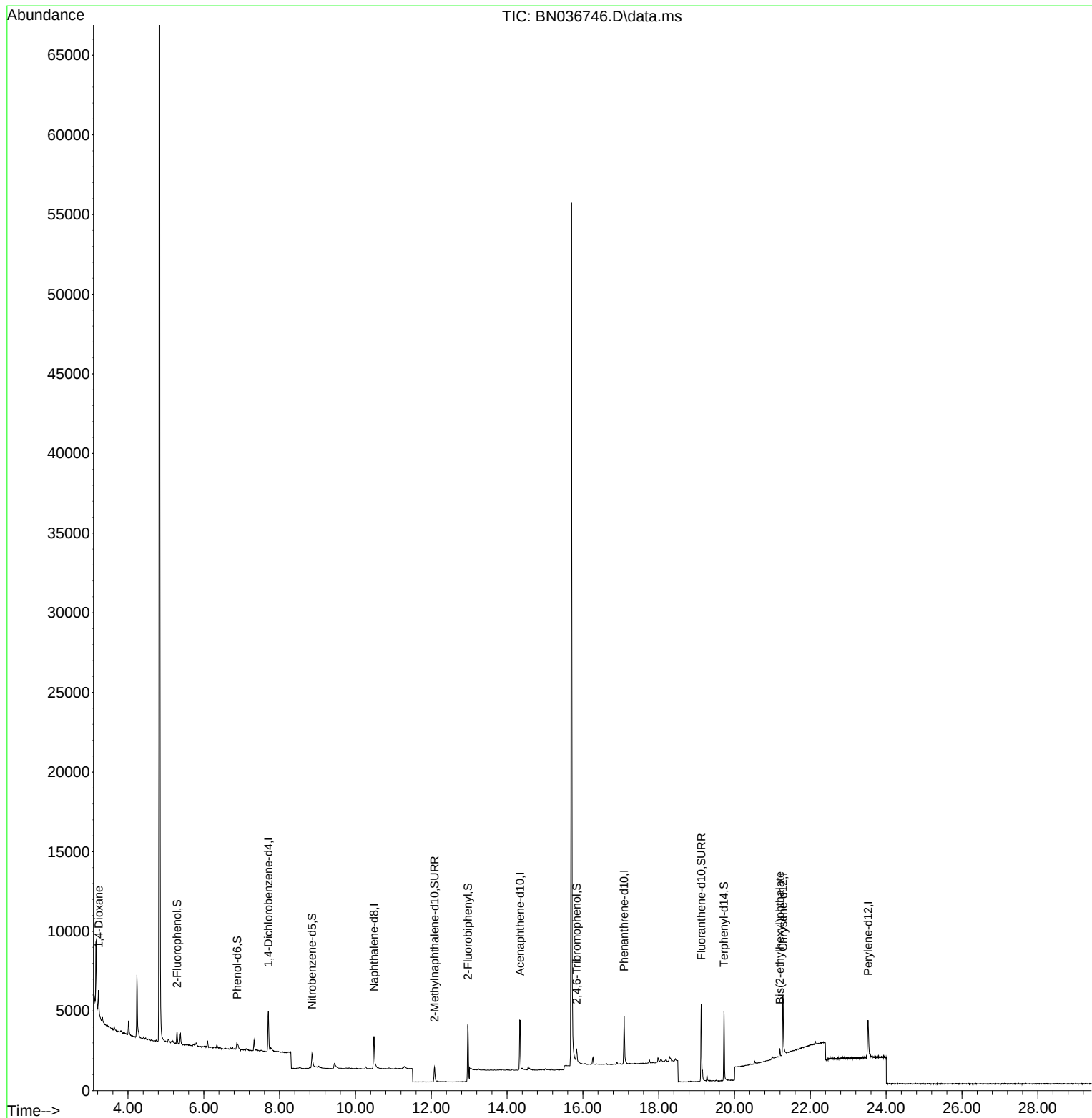
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1291	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3205	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2003	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4493	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	3924	0.400	ng	-0.02
35) Perylene-d12	23.522	264	3555	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	570	0.189	ng	-0.01
5) Phenol-d6	6.879	99	413	0.111	ng	-0.02
8) Nitrobenzene-d5	8.854	82	1113	0.319	ng	-0.02
11) 2-Methylnaphthalene-d10	12.085	152	1572	0.330	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	482	0.530	ng	-0.02
15) 2-Fluorobiphenyl	12.968	172	5151	0.442	ng	-0.02
27) Fluoranthene-d10	19.122	212	5729	0.498	ng	-0.02
31) Terphenyl-d14	19.722	244	4512	0.480	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.225	88	859	0.600	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.196	149	506	0.052	ng	# 97

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

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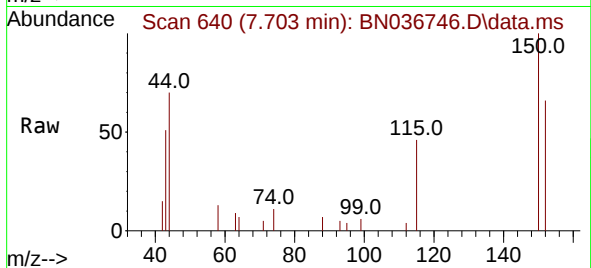
Quant Time: Mar 28 00:58:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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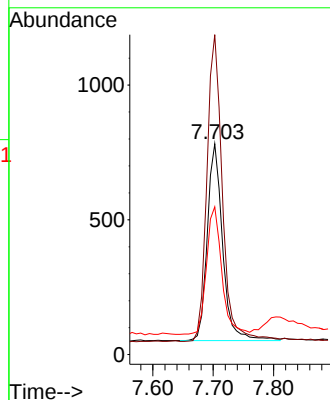
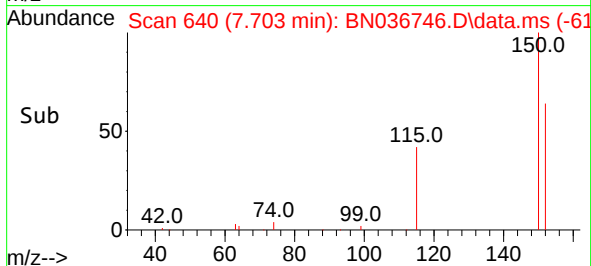


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036746.D
 Acq: 27 Mar 2025 20:27

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20250317

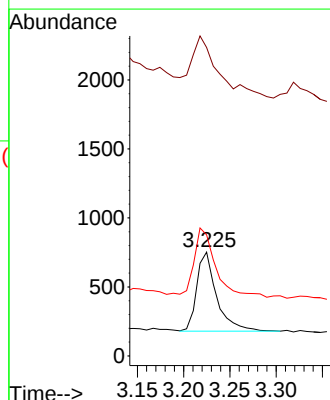
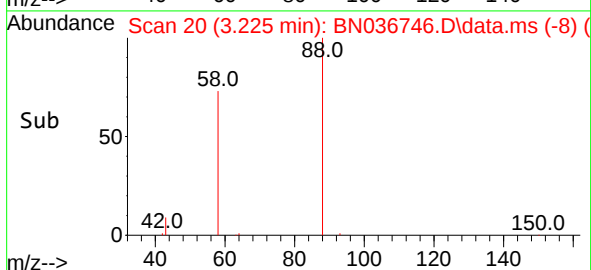
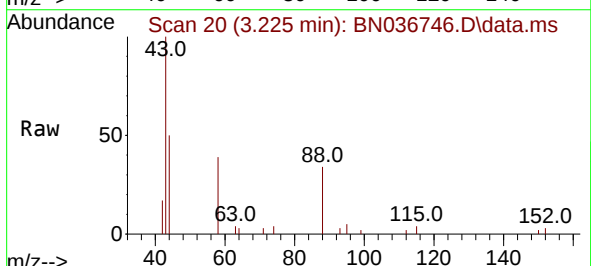


Tgt Ion:152 Resp: 1291
 Ion Ratio Lower Upper
 152 100
 150 151.8 123.7 185.5
 115 70.1 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.600 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036746.D
 Acq: 27 Mar 2025 20:27

Tgt Ion: 88 Resp: 859
 Ion Ratio Lower Upper
 88 100
 43 108.4 37.8 56.8#
 58 88.7 67.4 101.2

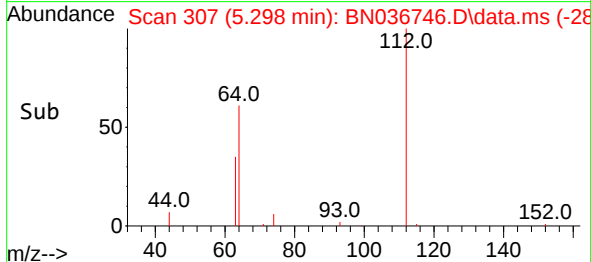
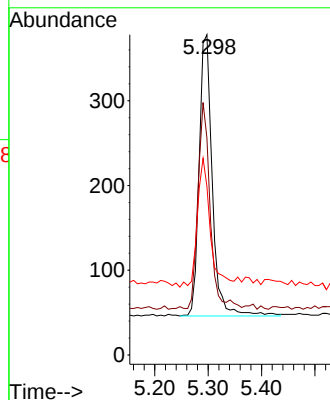
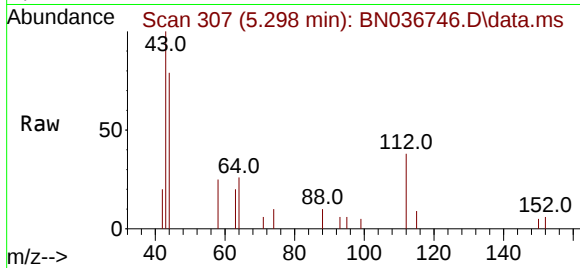




#4
2-Fluorophenol
Concen: 0.189 ng
RT: 5.298 min Scan# 309
Delta R.T. -0.014 min
Lab File: BN036746.D
Acq: 27 Mar 2025 20:27

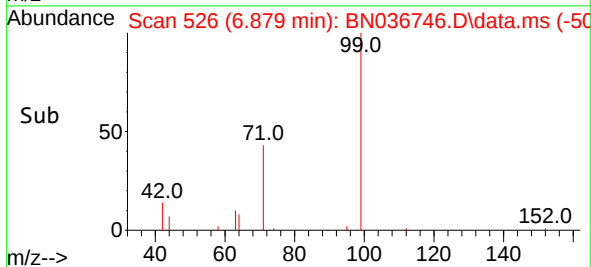
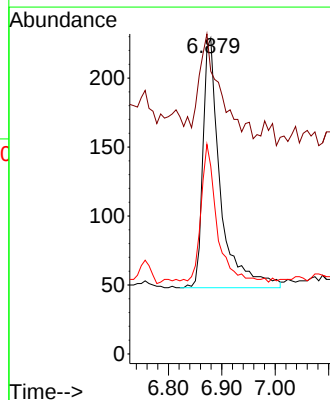
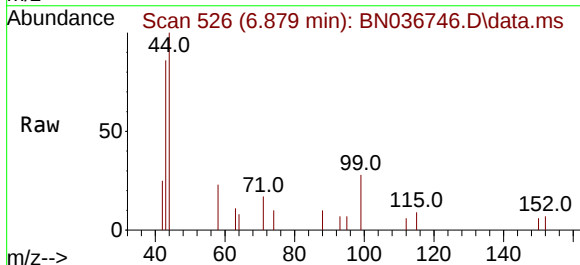
Instrument :
BNA_N
ClientSampleId :
TT205S1-20250317

Tgt Ion:112 Resp: 570
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 44.7 31.8 47.8



#5
Phenol-d6
Concen: 0.111 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036746.D
Acq: 27 Mar 2025 20:27

Tgt Ion: 99 Resp: 413
Ion Ratio Lower Upper
99 100
42 46.7 26.5 39.7#
71 50.6 34.1 51.1

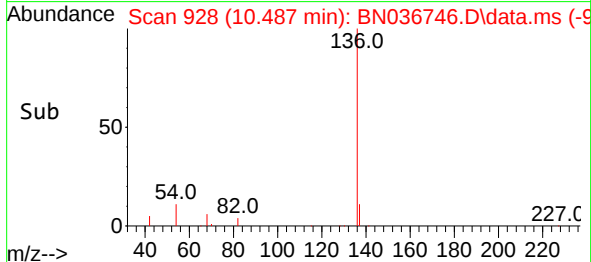
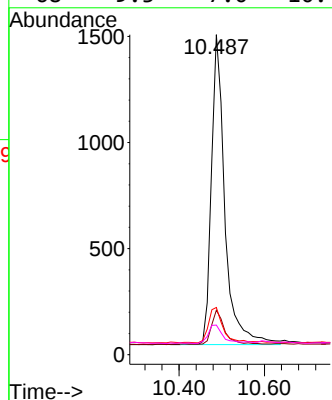
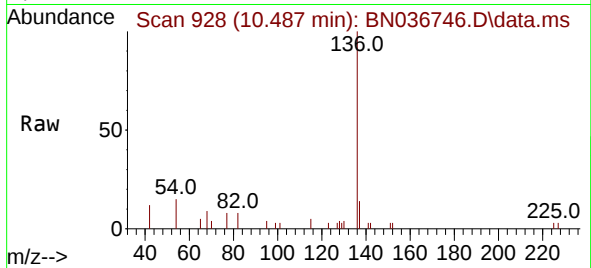




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036746.D
Acq: 27 Mar 2025 20:27

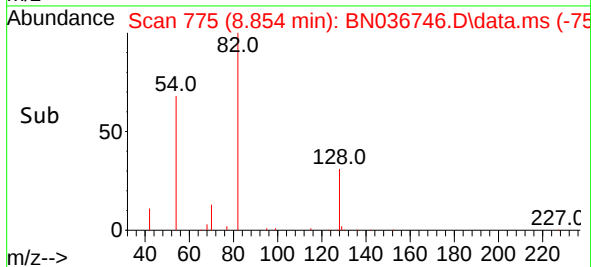
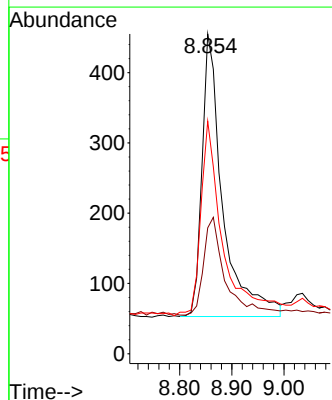
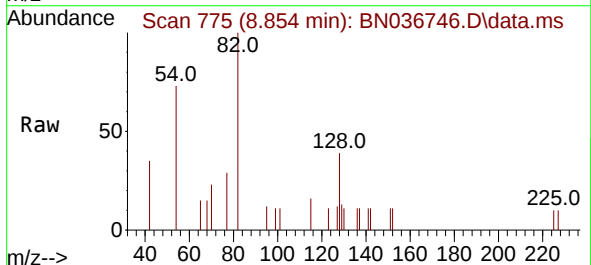
Instrument :
BNA_N
ClientSampleId :
TT205S1-20250317

Tgt Ion:136	Resp:	3205
Ion	Ratio	Lower Upper
136	100	
137	13.9	10.3 15.5
54	14.8	11.5 17.3
68	9.3	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036746.D
Acq: 27 Mar 2025 20:27

Tgt Ion: 82	Resp:	1113
Ion	Ratio	Lower Upper
82	100	
128	39.3	30.6 45.8
54	72.7	52.2 78.4

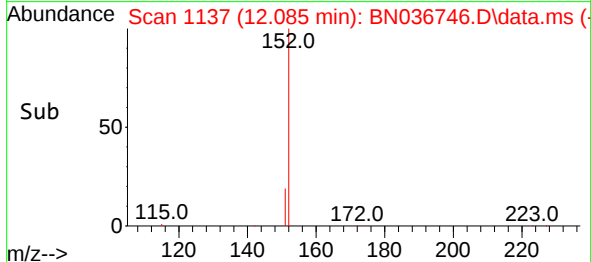
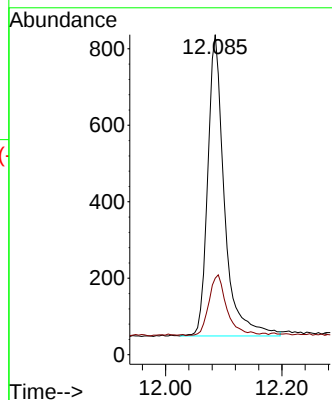
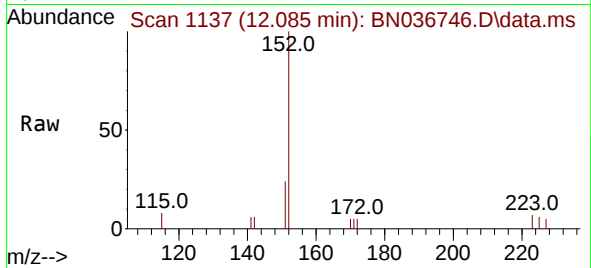




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.085 min Scan# 1142
Delta R.T. -0.025 min
Lab File: BN036746.D
Acq: 27 Mar 2025 20:27

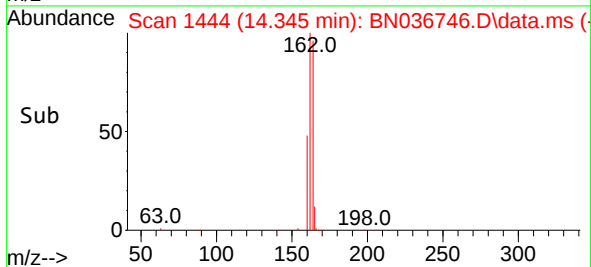
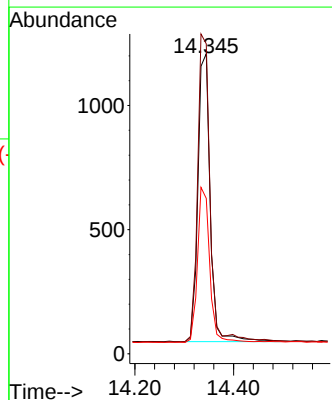
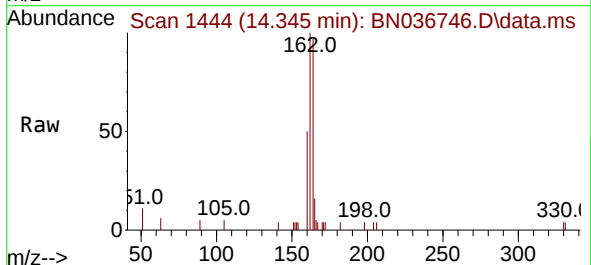
Instrument :
BNA_N
ClientSampleId :
TT205S1-20250317

Tgt Ion:152 Resp: 1572
Ion Ratio Lower Upper
152 100
151 21.2 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: BN036746.D
Acq: 27 Mar 2025 20:27

Tgt Ion:164 Resp: 2003
Ion Ratio Lower Upper
164 100
162 103.2 84.2 126.2
160 51.8 42.2 63.2





#14

2,4,6-Tribromophenol

Concen: 0.530 ng

RT: 15.833 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN036746.D

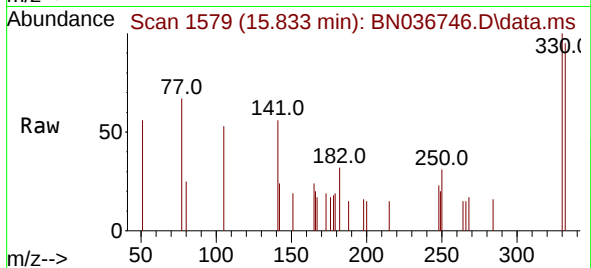
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Instrument :

BNA_N

ClientSampleId :

TT205S1-20250317



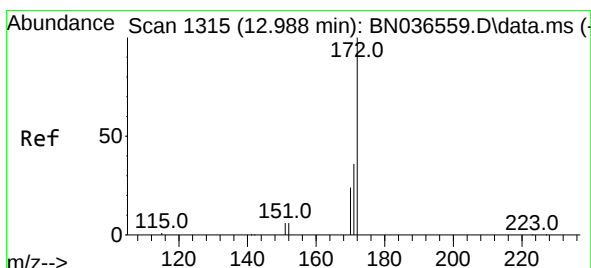
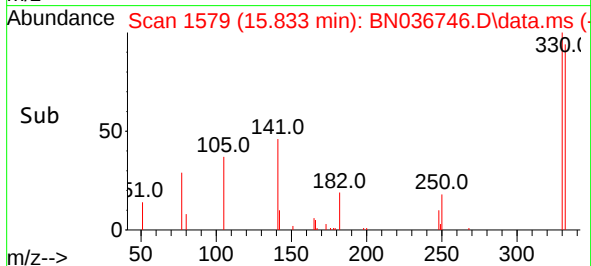
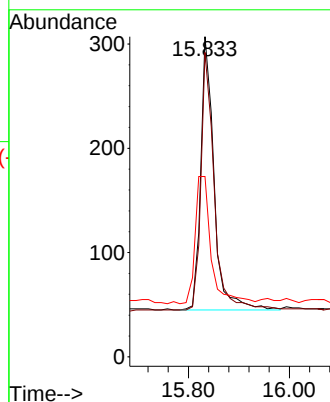
Tgt Ion:330 Resp: 482

Ion Ratio Lower Upper

330 100

332 93.6 75.2 112.8

141 56.0 43.4 65.2



#15

2-Fluorobiphenyl

Concen: 0.442 ng

RT: 12.968 min Scan# 1311

Delta R.T. -0.020 min

Lab File: BN036746.D

Acq: 27 Mar 2025 20:27

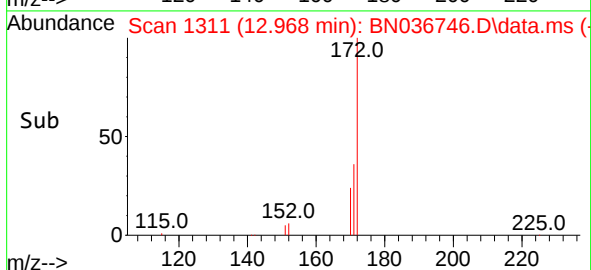
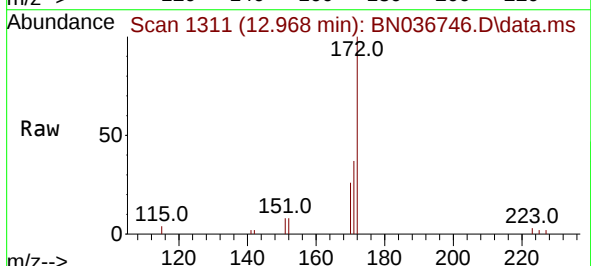
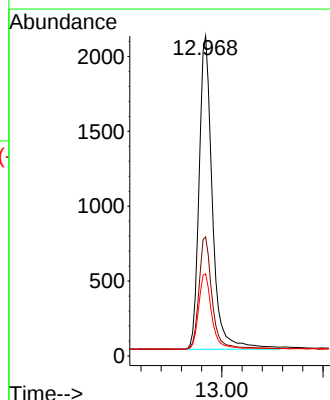
Tgt Ion:172 Resp: 5151

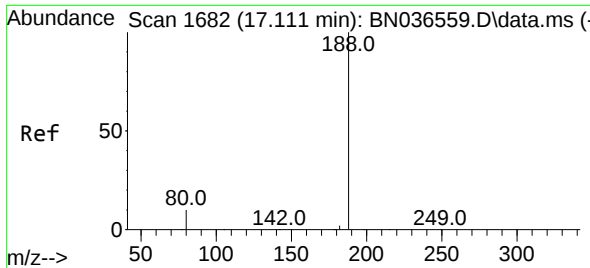
Ion Ratio Lower Upper

172 100

171 37.2 29.5 44.3

170 25.6 20.2 30.4

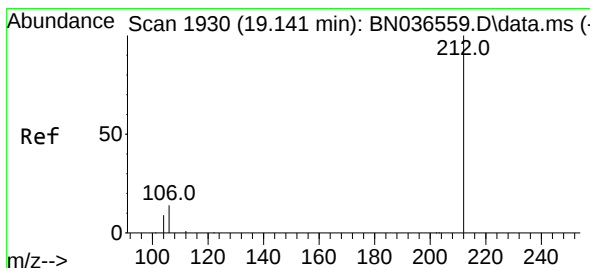
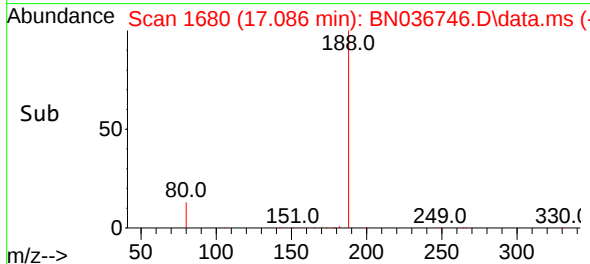
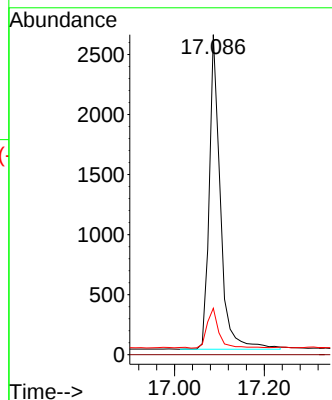
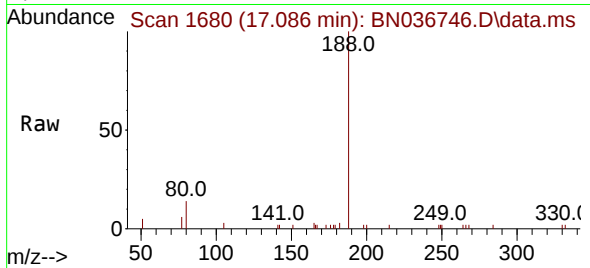




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036746.D
Acq: 27 Mar 2025 20:27

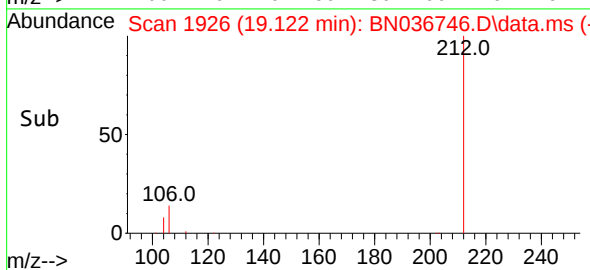
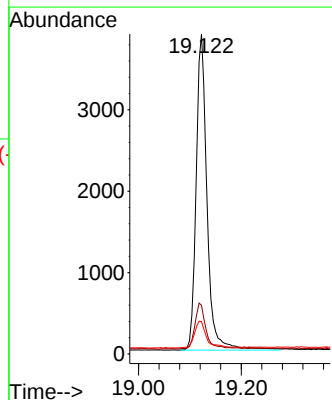
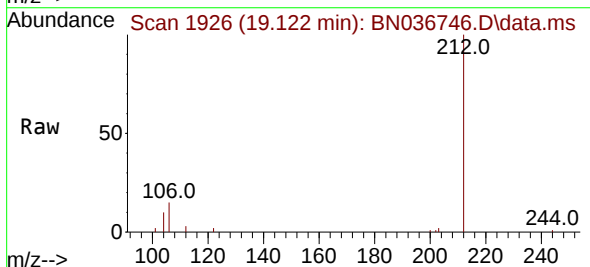
Instrument :
BNA_N
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TT205S1-20250317

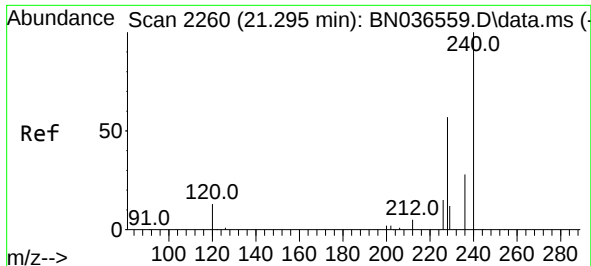
Tgt Ion:188 Resp: 4493
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.498 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.019 min
Lab File: BN036746.D
Acq: 27 Mar 2025 20:27

Tgt Ion:212 Resp: 5729
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 9.5 7.3 10.9

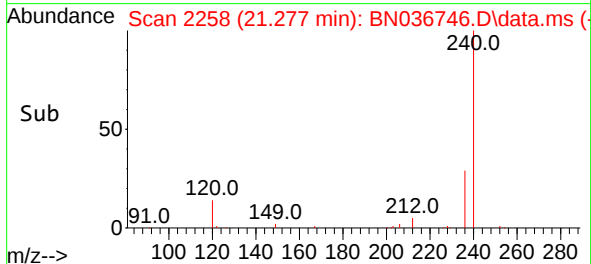
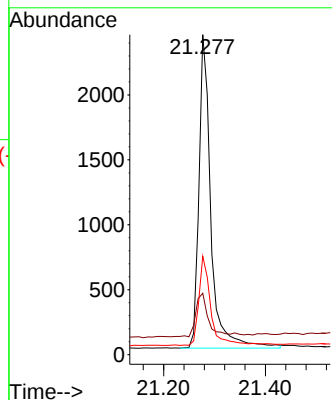
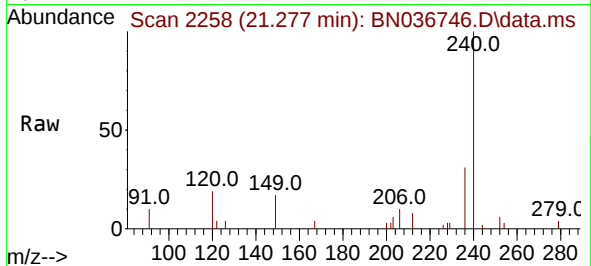




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036746.D
Acq: 27 Mar 2025 20:27

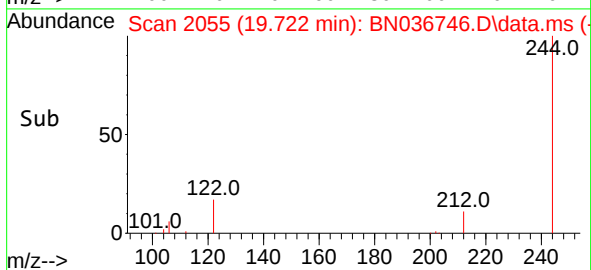
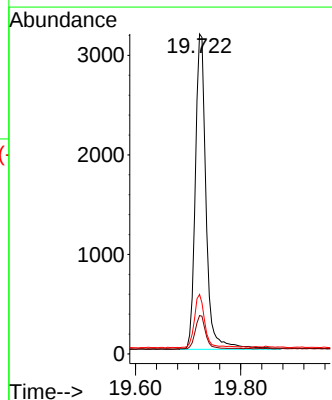
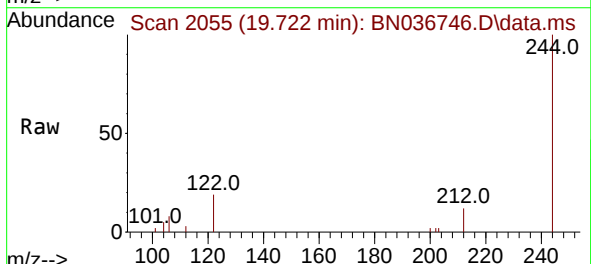
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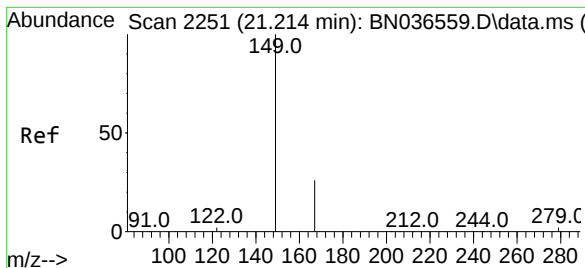
Tgt Ion:240 Resp: 3924
Ion Ratio Lower Upper
240 100
120 19.2 14.6 22.0
236 30.8 24.1 36.1



#31
Terphenyl-d14
Concen: 0.480 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036746.D
Acq: 27 Mar 2025 20:27

Tgt Ion:244 Resp: 4512
Ion Ratio Lower Upper
244 100
212 12.0 9.6 14.4
122 18.6 13.9 20.9

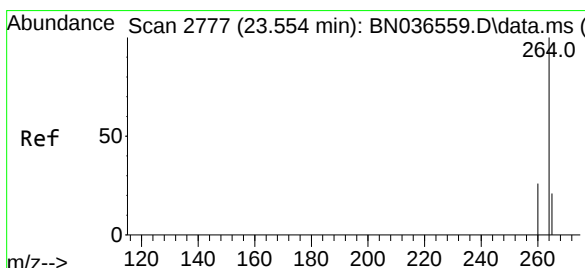
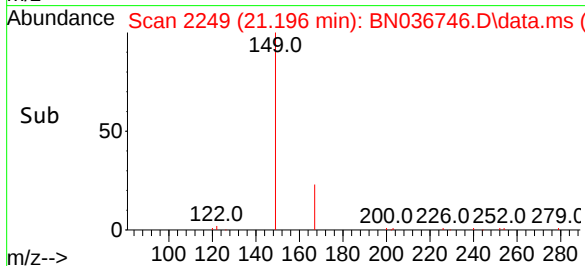
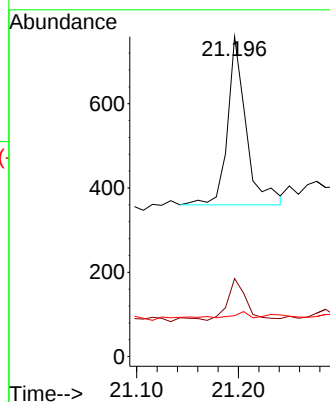
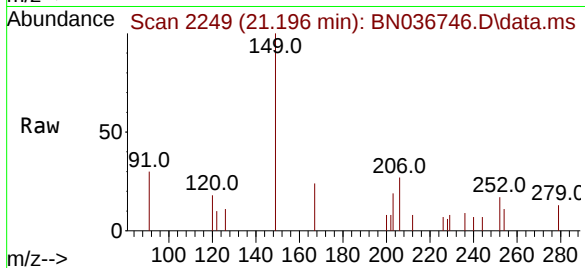




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036746.D
 Acq: 27 Mar 2025 20:27

Instrument :
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 TT205S1-20250317

Tgt Ion:149 Resp: 506
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.7 31.1
 279 2.8 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: BN036746.D
 Acq: 27 Mar 2025 20:27

Tgt Ion:264 Resp: 3555
 Ion Ratio Lower Upper
 264 100
 260 28.4 22.6 33.8
 265 90.0 88.1 132.1

