

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036677.D
 Acq On : 18 Mar 2025 02:28
 Operator : RC/JU
 Sample : Q1582-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT191D2-20250314

Quant Time: Mar 18 02:59:57 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)

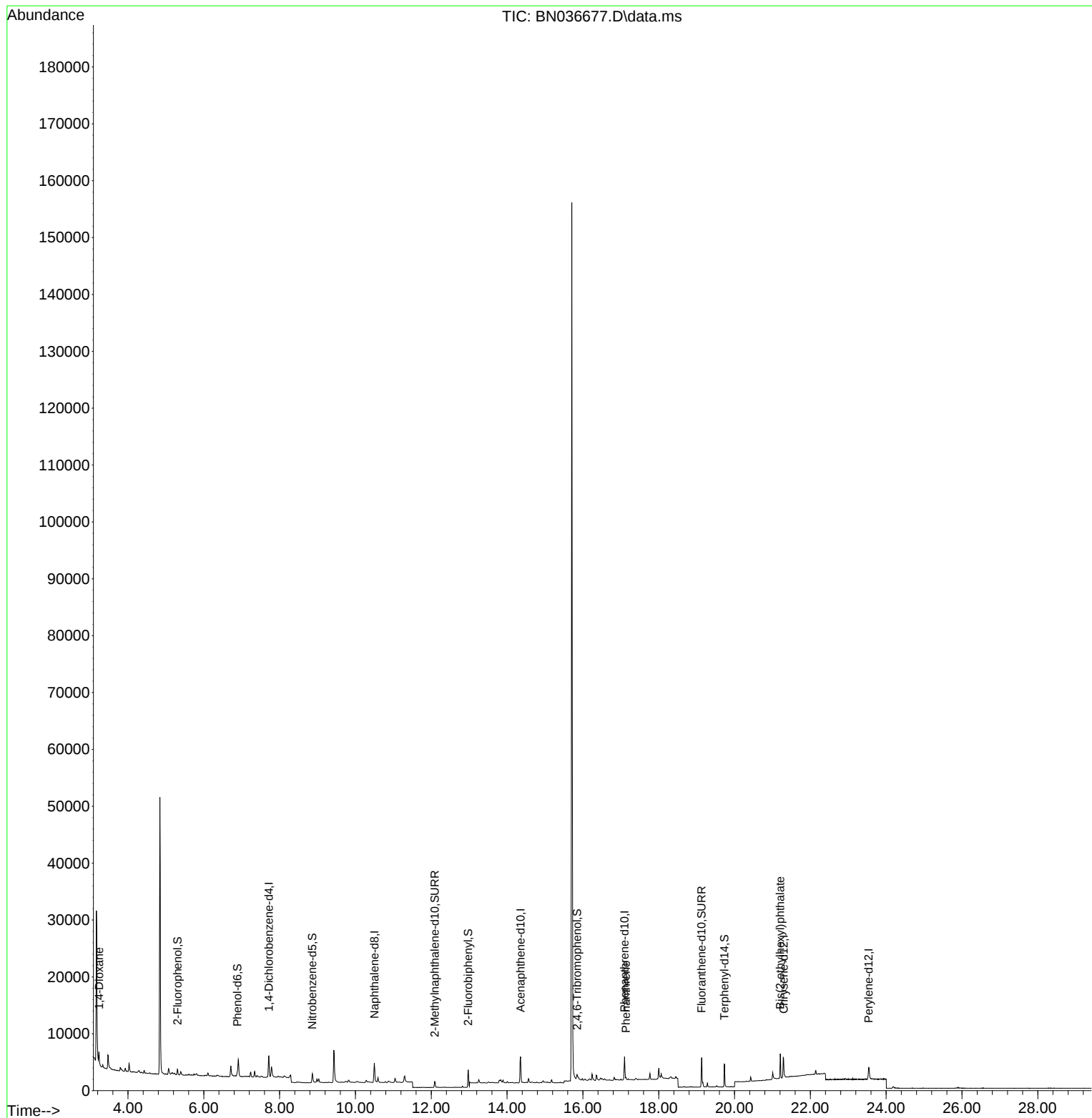
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1797	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4496	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2727	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5582	0.400	ng	-0.01
29) Chrysene-d12	21.294	240	3987	0.400	ng	0.00
35) Perylene-d12	23.539	264	3141	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	694	0.166	ng	0.00
5) Phenol-d6	6.886	99	568	0.110	ng	-0.01
8) Nitrobenzene-d5	8.864	82	1416	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	12.090	152	1589	0.238	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	442	0.357	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	4250	0.268	ng	-0.02
27) Fluoranthene-d10	19.131	212	5699	0.398	ng	0.00
31) Terphenyl-d14	19.735	244	3921	0.410	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	1138	0.571	ng	# 67
25) Phenanthrene	17.136	178	433	0.026	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.205	149	4149	0.420	ng	# 98

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

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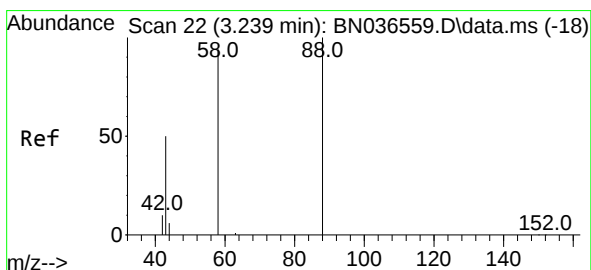
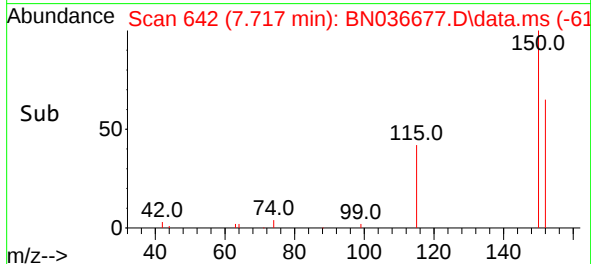
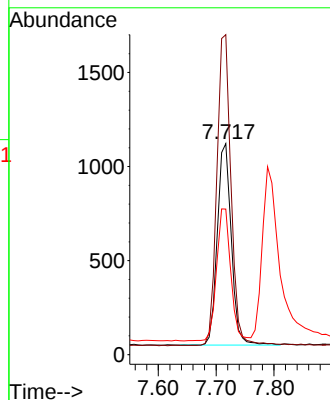
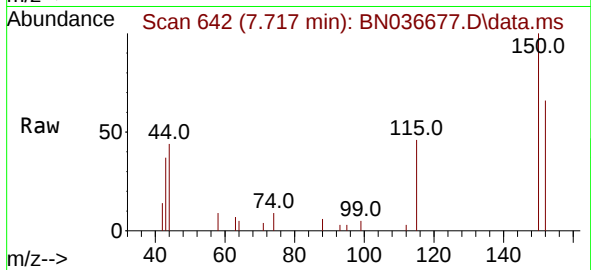




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036677.D
 Acq: 18 Mar 2025 02:28

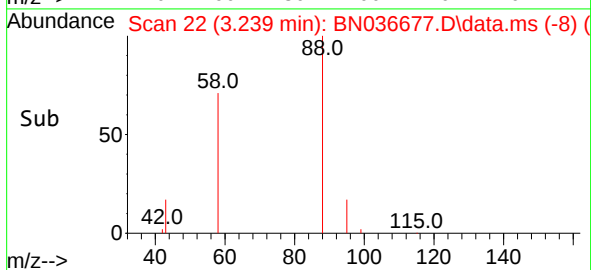
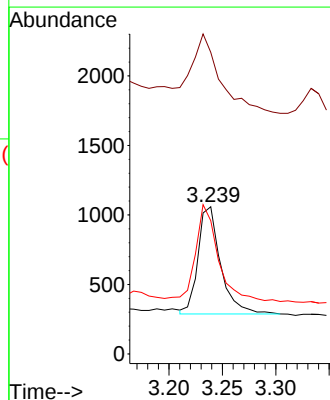
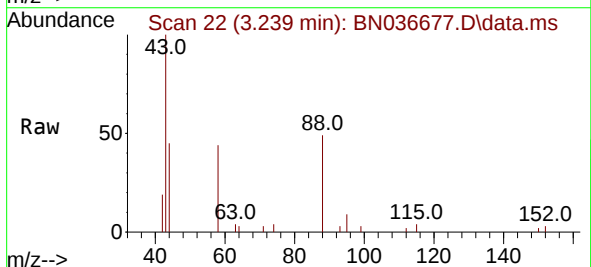
Instrument :
 BNA_N
 ClientSampleId :
 TT191D2-20250314

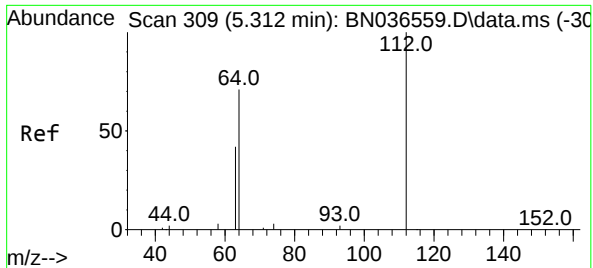
Tgt Ion:152 Resp: 1797
 Ion Ratio Lower Upper
 152 100
 150 151.6 123.7 185.5
 115 69.0 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.571 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036677.D
 Acq: 18 Mar 2025 02:28

Tgt Ion: 88 Resp: 1138
 Ion Ratio Lower Upper
 88 100
 43 100.7 37.8 56.8#
 58 91.0 67.4 101.2

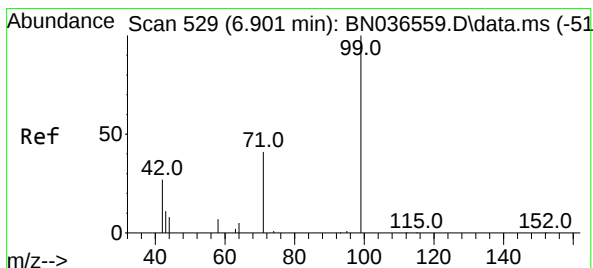
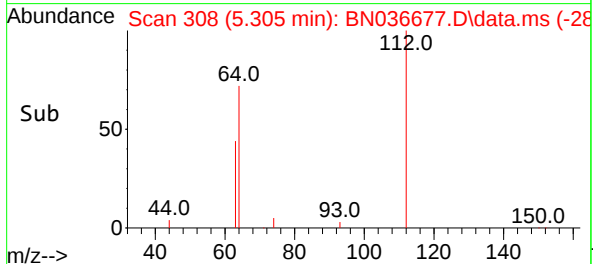
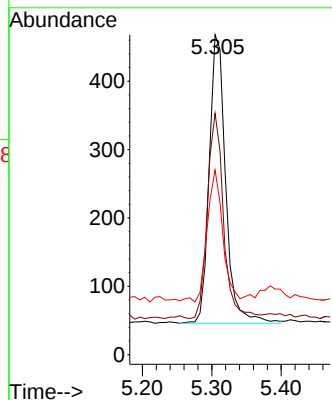
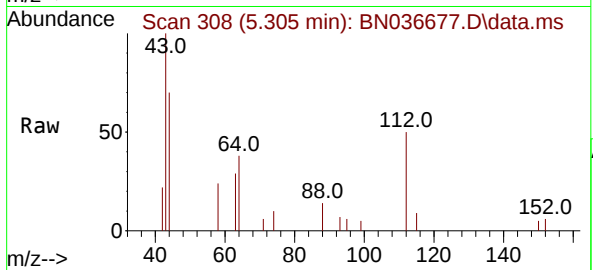




#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

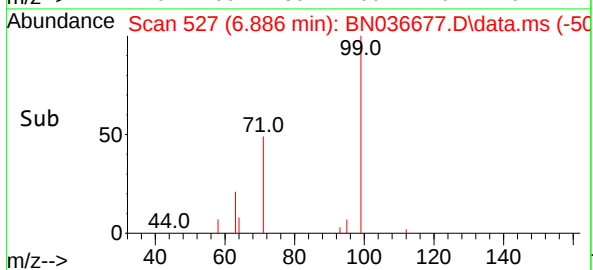
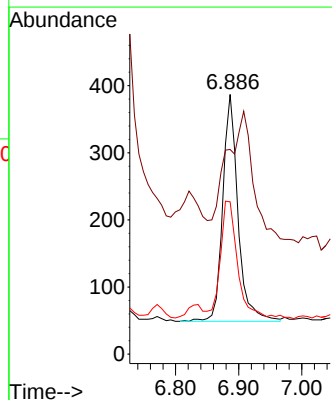
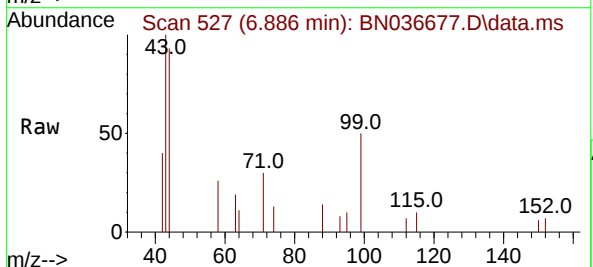
Instrument :
BNA_N
ClientSampleId :
TT191D2-20250314

Tgt Ion:112 Resp: 694
Ion Ratio Lower Upper
112 100
64 69.5 53.1 79.7
63 42.5 31.8 47.8



#5
Phenol-d6
Concen: 0.110 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.015 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

Tgt Ion: 99 Resp: 568
Ion Ratio Lower Upper
99 100
42 0.0 26.5 39.7#
71 59.2 34.1 51.1#

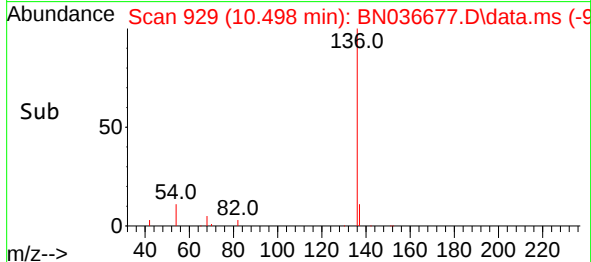
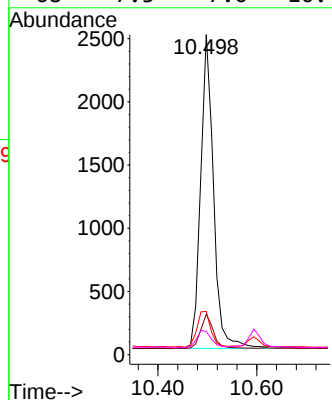
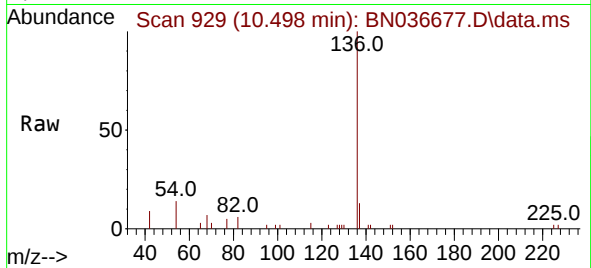




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

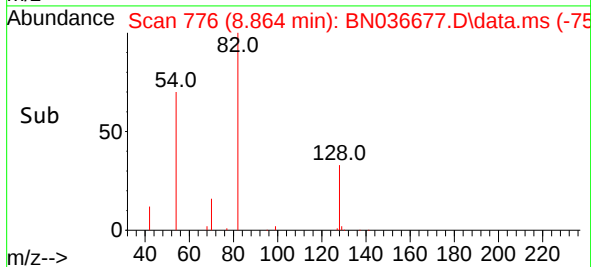
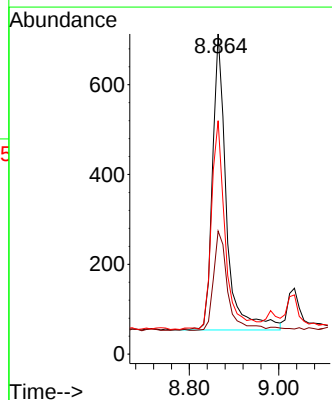
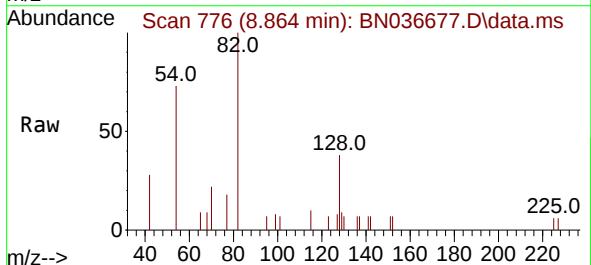
Instrument :
BNA_N
ClientSampleId :
TT191D2-20250314

Tgt Ion:	136	Resp:	4496
Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.3	15.5
54	13.5	11.5	17.3
68	7.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

Tgt Ion:	82	Resp:	1416
Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.6	45.8
54	72.9	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.238 ng

RT: 12.090 min Scan# 1138

Delta R.T. -0.021 min

Lab File: BN036677.D

Acq: 18 Mar 2025 02:28

Instrument :

BNA_N

ClientSampleId :

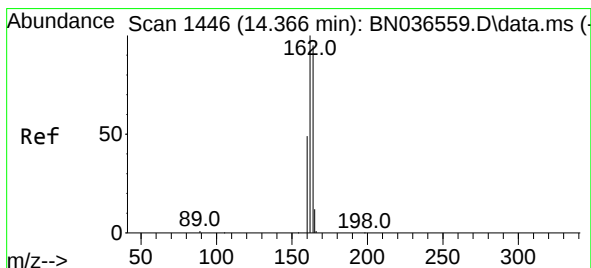
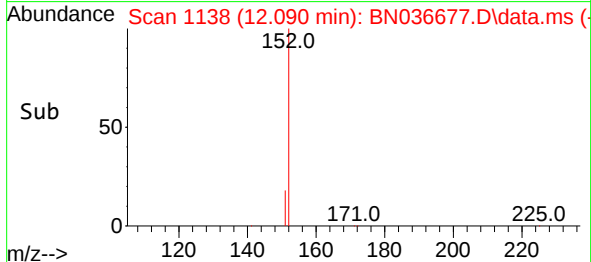
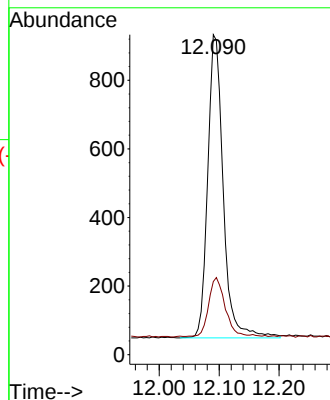
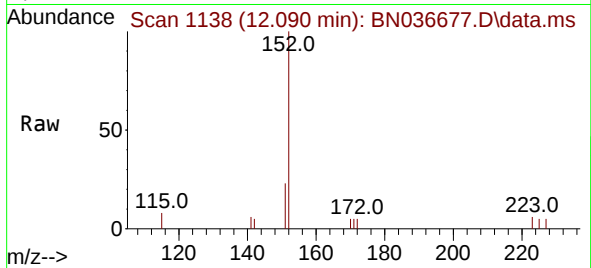
TT191D2-20250314

Tgt Ion:152 Resp: 1589

Ion Ratio Lower Upper

152 100

151 21.3 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: BN036677.D

Acq: 18 Mar 2025 02:28

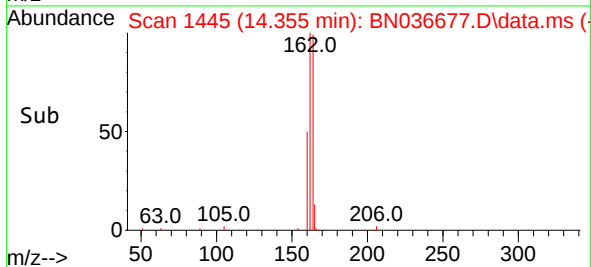
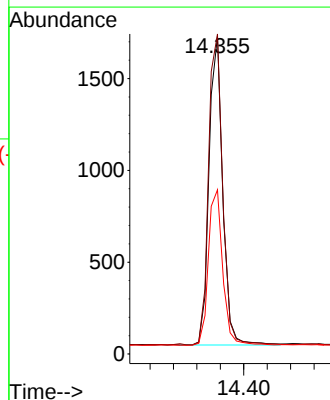
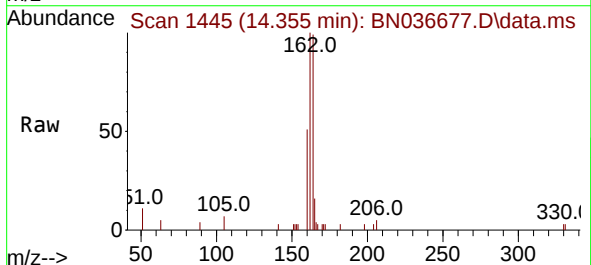
Tgt Ion:164 Resp: 2727

Ion Ratio Lower Upper

164 100

162 100.7 84.2 126.2

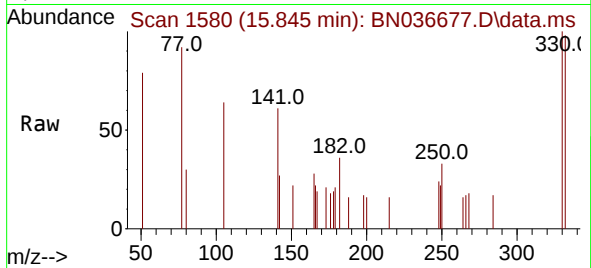
160 51.6 42.2 63.2



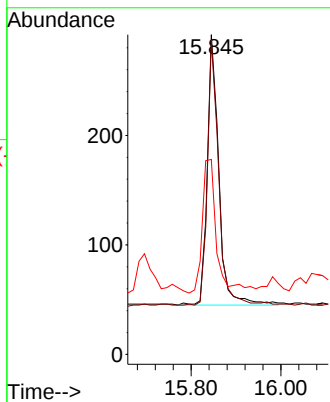
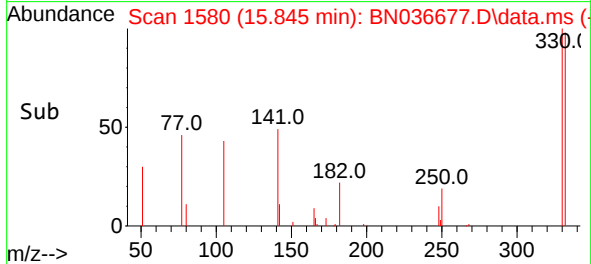


#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

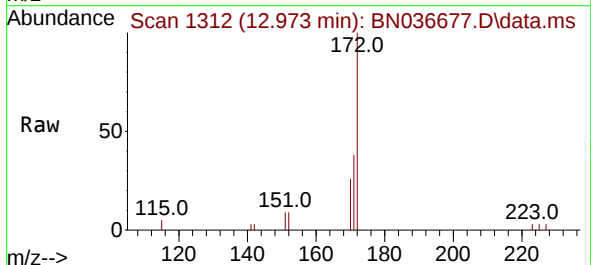
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BNA_N
ClientSampleId :
TT191D2-20250314



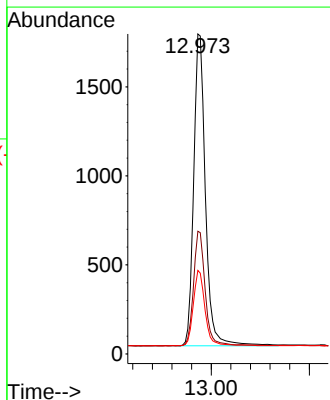
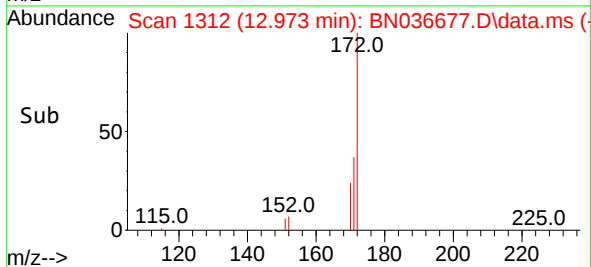
Tgt Ion:330 Resp: 442
Ion Ratio Lower Upper
330 100
332 93.4 75.2 112.8
141 61.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.015 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28



Tgt Ion:172 Resp: 4250
Ion Ratio Lower Upper
172 100
171 38.3 29.5 44.3
170 26.1 20.2 30.4

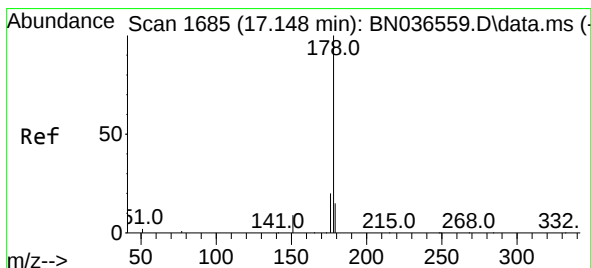
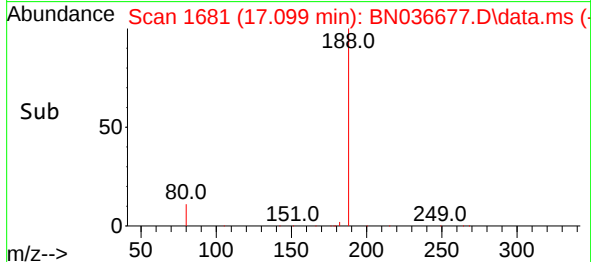
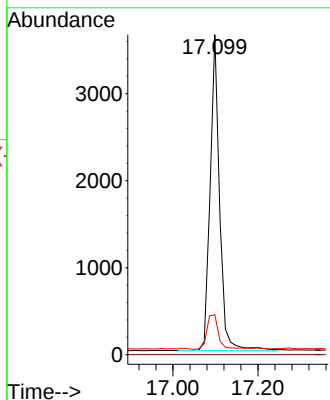
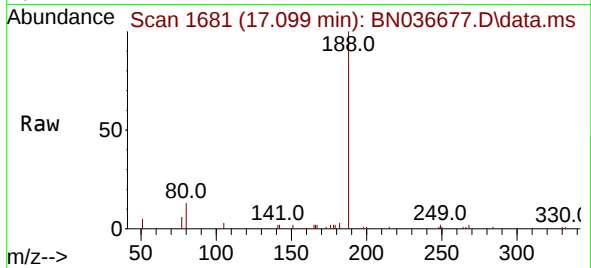




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.013 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

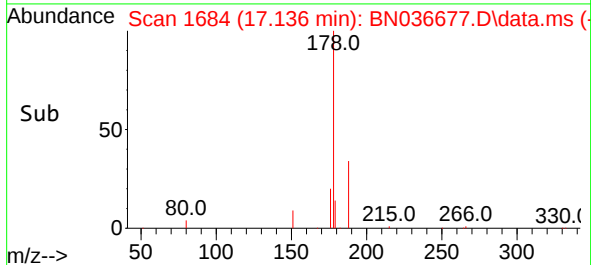
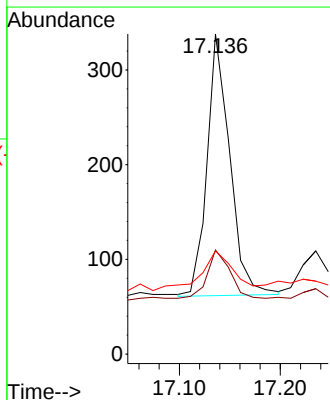
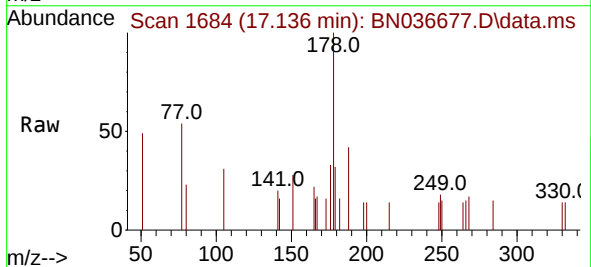
Instrument :
BNA_N
ClientSampleId :
TT191D2-20250314

Tgt Ion:188 Resp: 5582
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 8.8 13.2



#25
Phenanthrene
Concen: 0.026 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.013 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

Tgt Ion:178 Resp: 433
Ion Ratio Lower Upper
178 100
176 21.7 15.9 23.9
179 21.5 12.2 18.4#

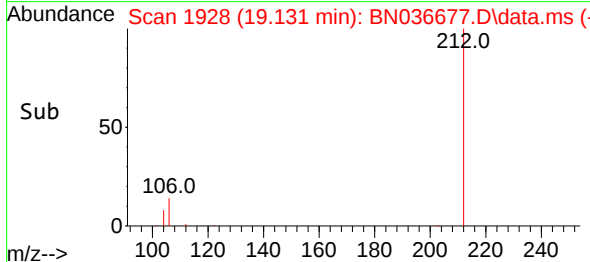
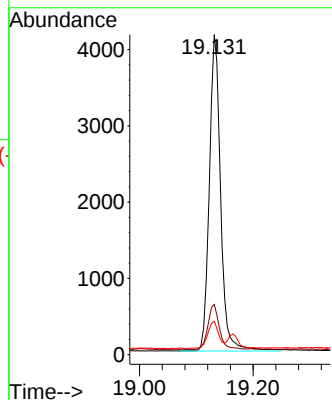
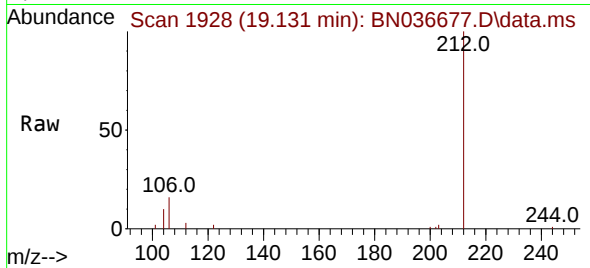




#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.131 min Scan# 1911
Delta R.T. -0.010 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

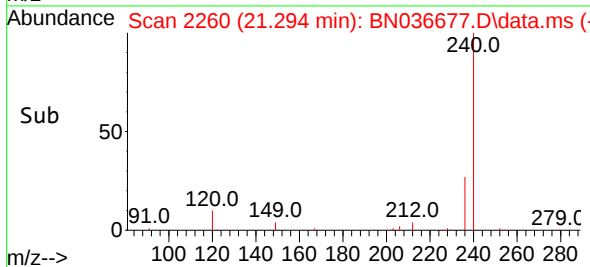
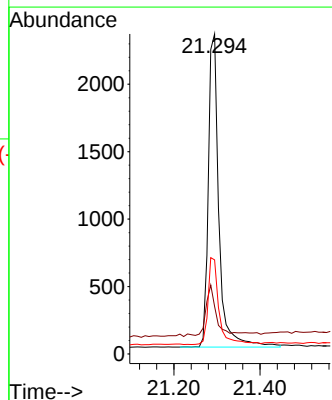
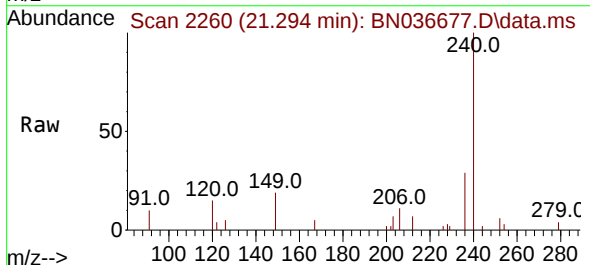
Instrument :
BNA_N
ClientSampleId :
TT191D2-20250314

Tgt Ion:212 Resp: 5699
Ion Ratio Lower Upper
212 100
106 14.5 11.8 17.6
104 8.6 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.294 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

Tgt Ion:240 Resp: 3987
Ion Ratio Lower Upper
240 100
120 14.9 14.6 22.0
236 29.4 24.1 36.1

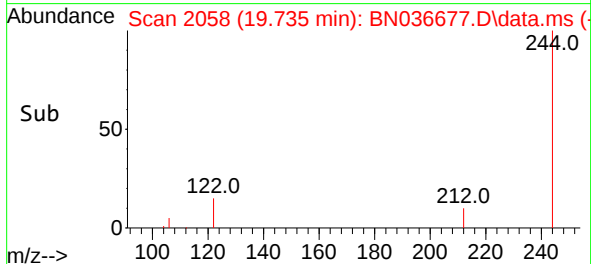
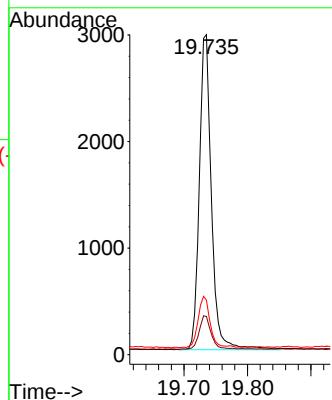
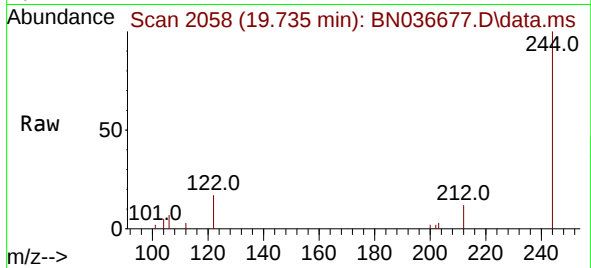




#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.735 min Scan# 2060
Delta R.T. -0.010 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

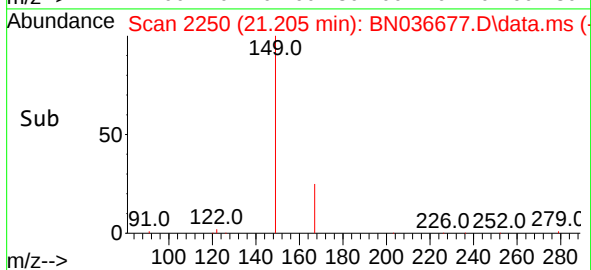
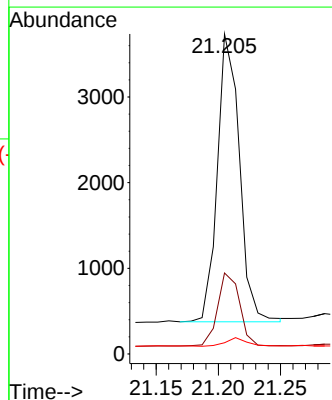
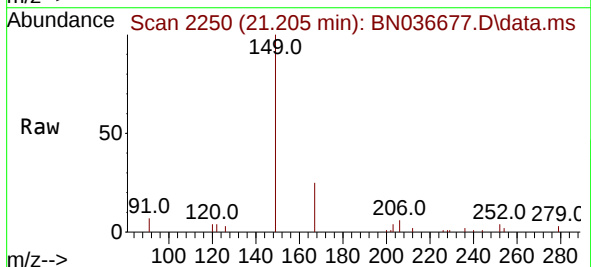
Instrument :
BNA_N
ClientSampleId :
TT191D2-20250314

Tgt Ion:244 Resp: 3921
Ion Ratio Lower Upper
244 100
212 12.0 9.6 14.4
122 17.0 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.420 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036677.D
Acq: 18 Mar 2025 02:28

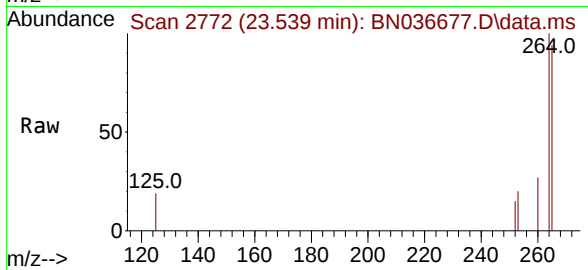
Tgt Ion:149 Resp: 4149
Ion Ratio Lower Upper
149 100
167 25.3 20.7 31.1
279 2.9 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.539 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN036677.D
 Acq: 18 Mar 2025 02:28

Instrument :
 BNA_N
 ClientSampleId :
 TT191D2-20250314



Tgt Ion:264 Resp: 3141

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.6	33.8
265	93.9	88.1	132.1

