

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036679.D
 Acq On : 18 Mar 2025 03:40
 Operator : RC/JU
 Sample : Q1582-03DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20250313DL

Quant Time: Mar 18 04:19:33 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)

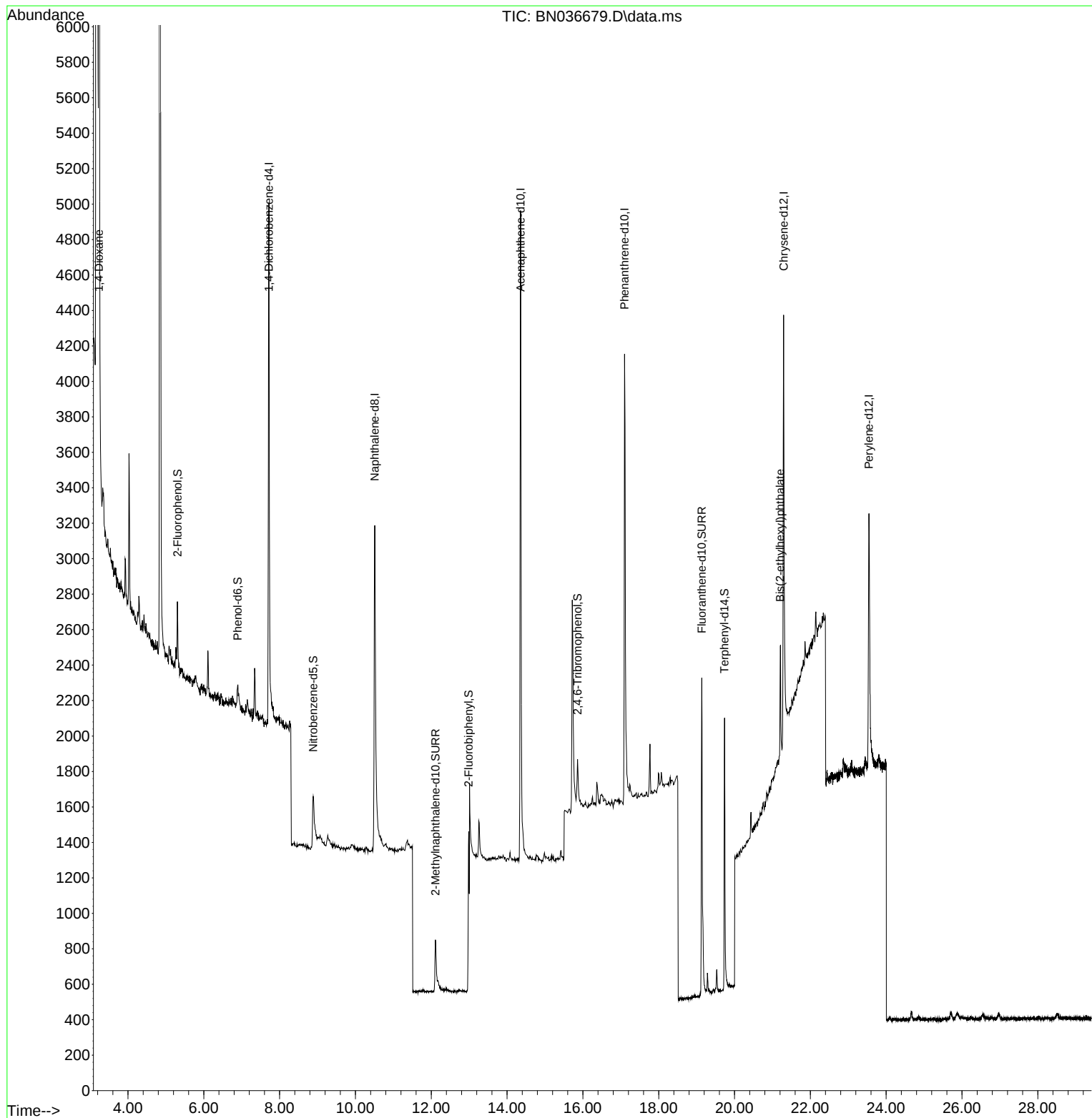
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1626	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3810	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2398	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4730	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3082	0.400	ng	0.00
35) Perylene-d12	23.545	264	2493	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	280	0.074	ng	0.00
5) Phenol-d6	6.894	99	195	0.042	ng	0.00
8) Nitrobenzene-d5	8.886	82	552	0.133	ng	0.01
11) 2-Methylnaphthalene-d10	12.111	152	730	0.129	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	193	0.177	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	1653	0.118	ng	0.00
27) Fluoranthene-d10	19.136	212	2465	0.203	ng	0.00
31) Terphenyl-d14	19.736	244	1748	0.237	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	4516	2.504	ng	95
34) Bis(2-ethylhexyl)phtha...	21.205	149	739	0.097	ng	# 96

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

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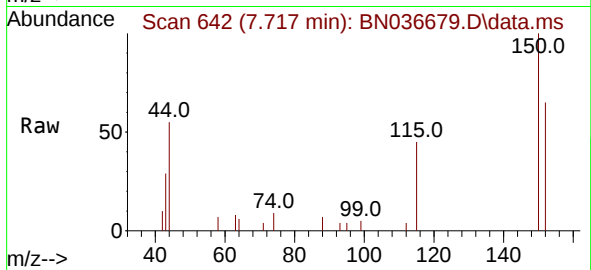
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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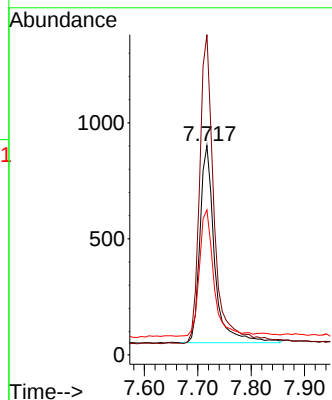
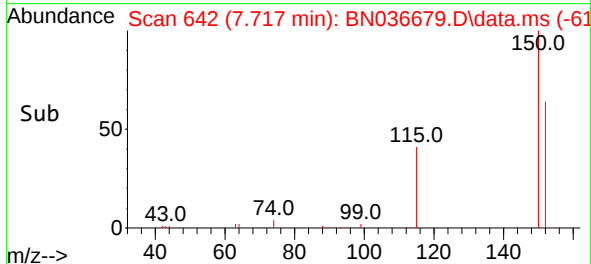


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036679.D
 Acq: 18 Mar 2025 03:40

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20250313DL

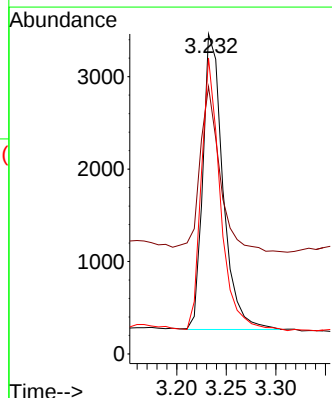
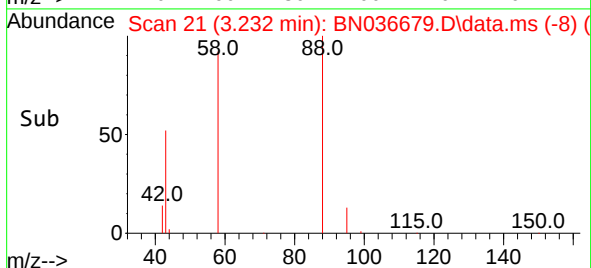
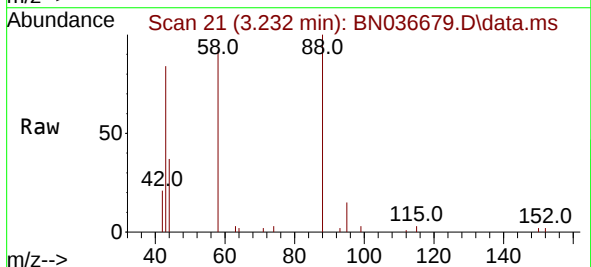


Tgt Ion: 152 Resp: 1626
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.7 185.5
 115 69.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.504 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036679.D
 Acq: 18 Mar 2025 03:40

Tgt Ion: 88 Resp: 4516
 Ion Ratio Lower Upper
 88 100
 43 55.2 37.8 56.8
 58 85.7 67.4 101.2

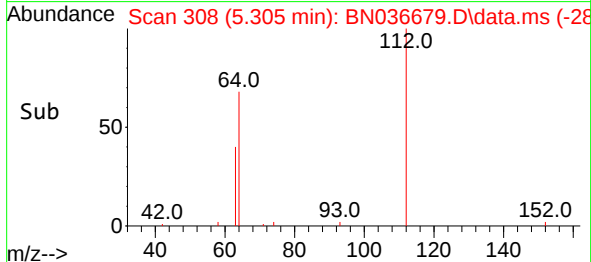
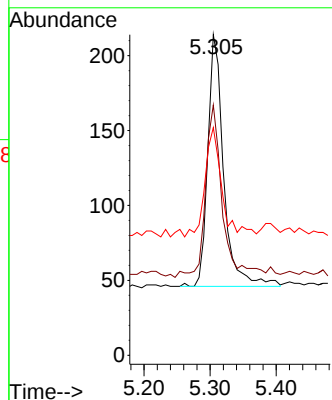
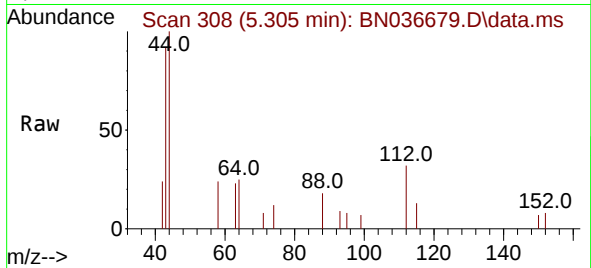




#4
2-Fluorophenol
Concen: 0.074 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036679.D
Acq: 18 Mar 2025 03:40

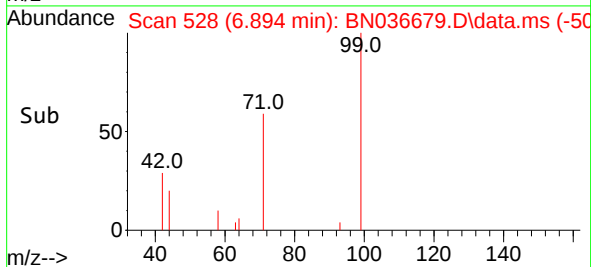
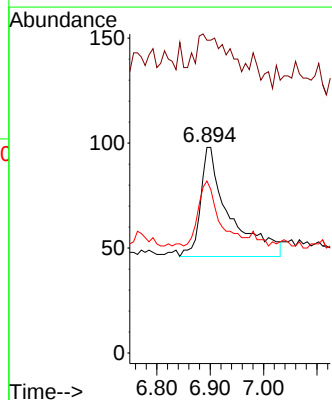
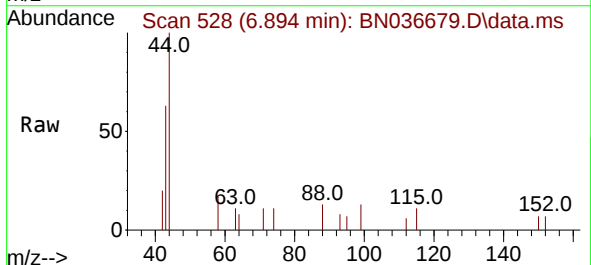
Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313DL

Tgt Ion:112 Resp: 280
Ion Ratio Lower Upper
112 100
64 72.9 53.1 79.7
63 46.1 31.8 47.8



#5
Phenol-d6
Concen: 0.042 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036679.D
Acq: 18 Mar 2025 03:40

Tgt Ion: 99 Resp: 195
Ion Ratio Lower Upper
99 100
42 33.3 26.5 39.7
71 44.1 34.1 51.1

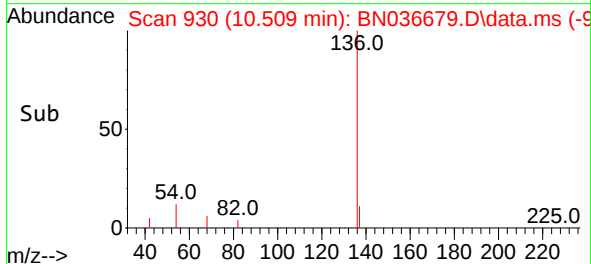
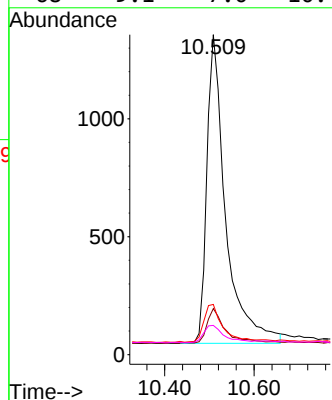
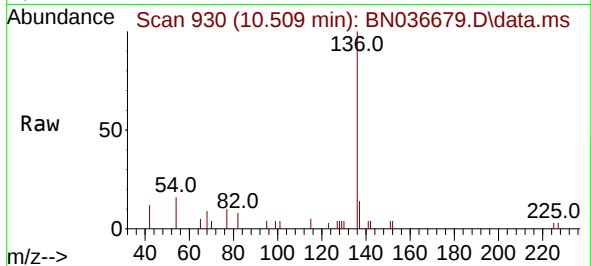




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036679.D
Acq: 18 Mar 2025 03:40

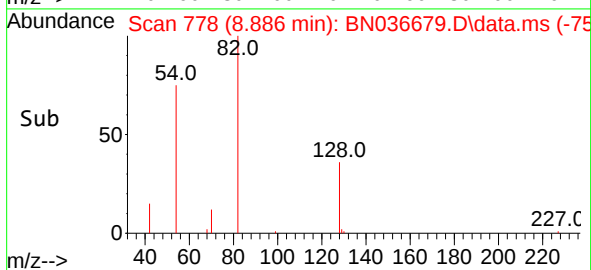
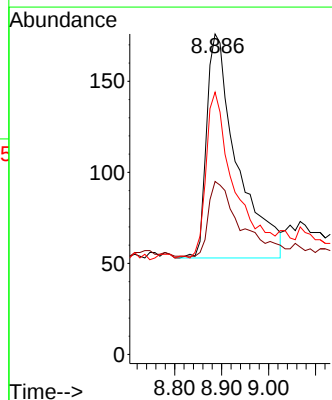
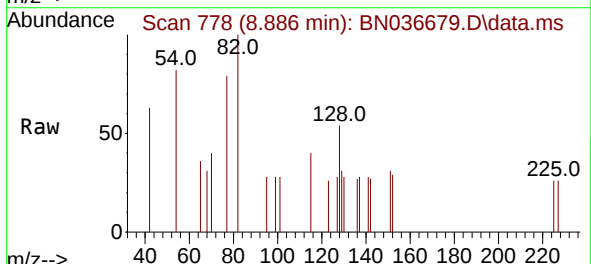
Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313DL

Tgt Ion:	136	Resp:	3810
Ion	Ratio	Lower	Upper
136	100		
137	14.4	10.3	15.5
54	15.7	11.5	17.3
68	9.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.133 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036679.D
Acq: 18 Mar 2025 03:40

Tgt Ion:	82	Resp:	552
Ion	Ratio	Lower	Upper
82	100		
128	54.0	30.6	45.8#
54	81.8	52.2	78.4#

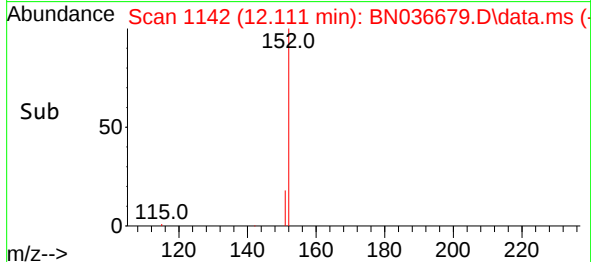
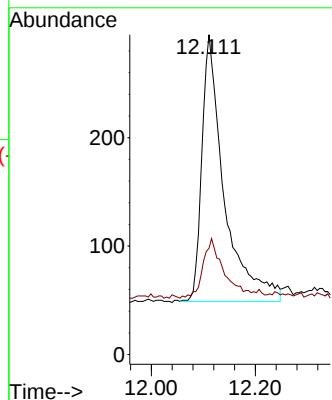
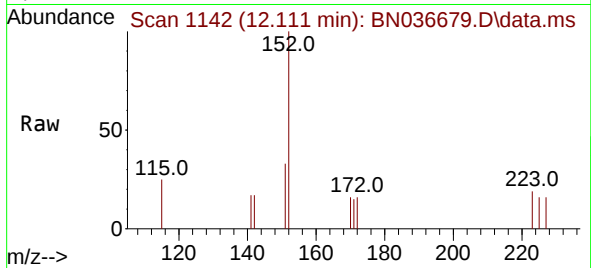




#11
2-Methylnaphthalene-d10
Concen: 0.129 ng
RT: 12.111 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN036679.D
Acq: 18 Mar 2025 03:40

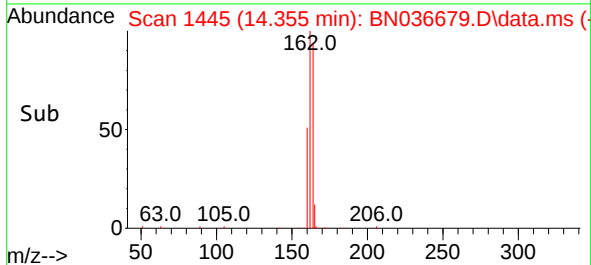
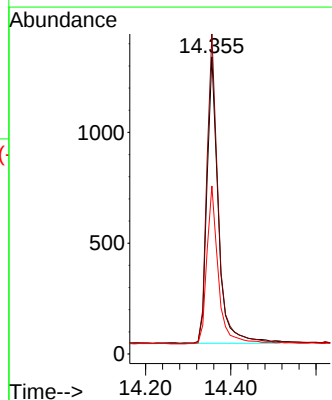
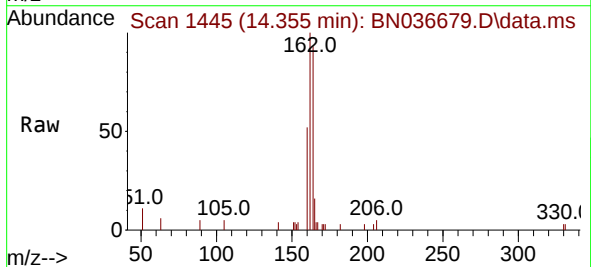
Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313DL

Tgt Ion:152 Resp: 730
Ion Ratio Lower Upper
152 100
151 21.1 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: BN036679.D
Acq: 18 Mar 2025 03:40

Tgt Ion:164 Resp: 2398
Ion Ratio Lower Upper
164 100
162 107.7 84.2 126.2
160 56.5 42.2 63.2

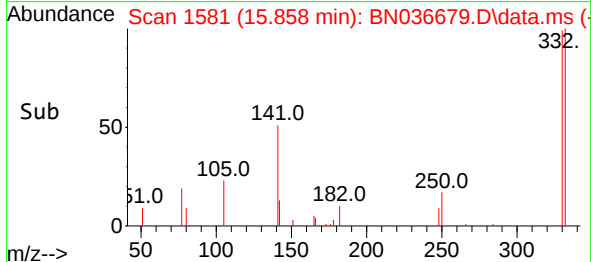
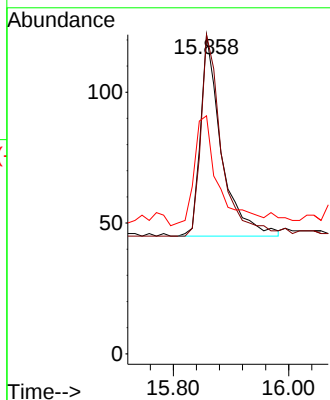
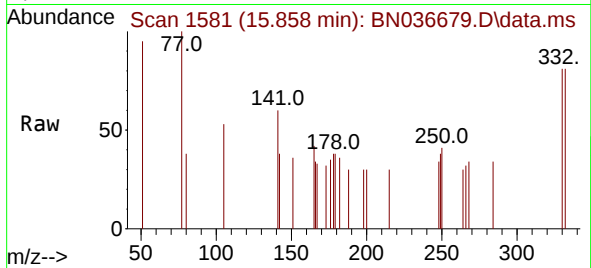




#14
2,4,6-Tribromophenol
Concen: 0.177 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036679.D
Acq: 18 Mar 2025 03:40

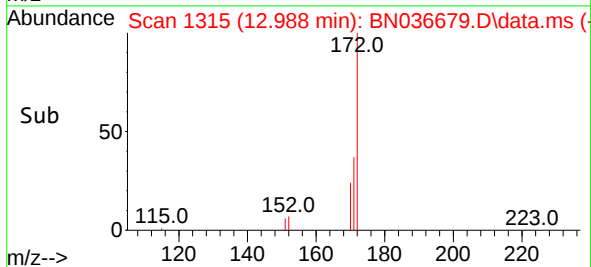
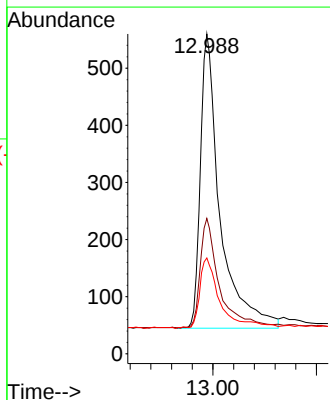
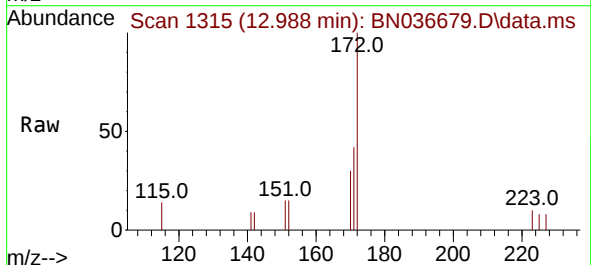
Instrument :
BNA_N
ClientSampleId :
TT180D2-20250313DL

Tgt Ion:330 Resp: 193
Ion Ratio Lower Upper
330 100
332 99.0 75.2 112.8
141 63.2 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.118 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036679.D
Acq: 18 Mar 2025 03:40

Tgt Ion:172 Resp: 1653
Ion Ratio Lower Upper
172 100
171 42.3 29.5 44.3
170 30.0 20.2 30.4

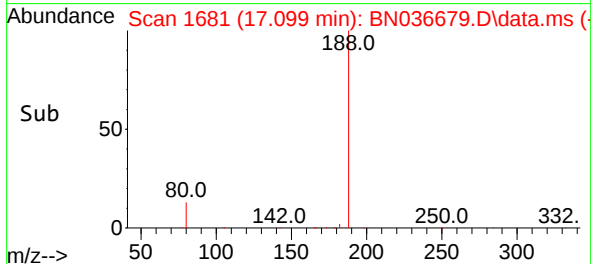
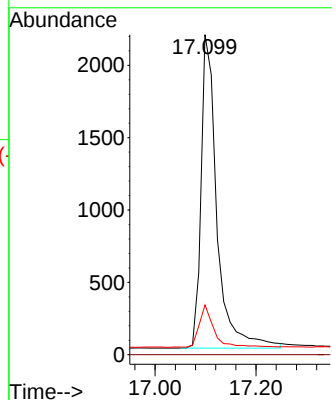
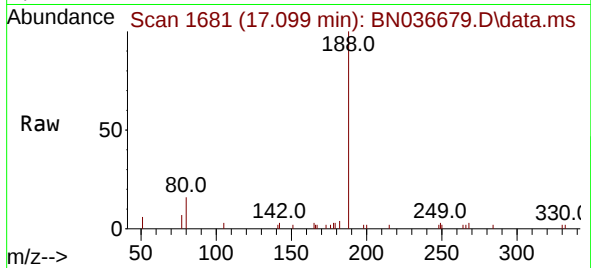




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036679.D
Acq: 18 Mar 2025 03:40

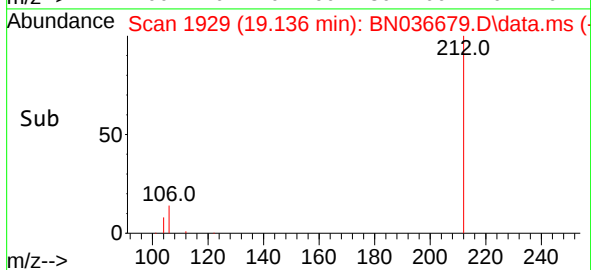
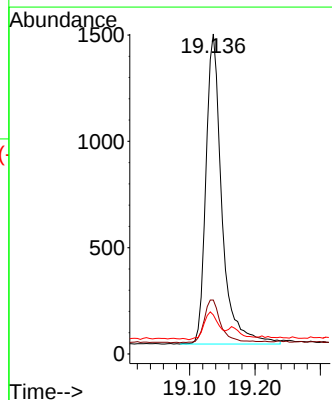
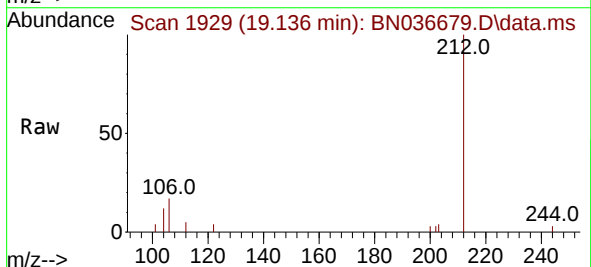
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ClientSampleId :
TT180D2-20250313DL

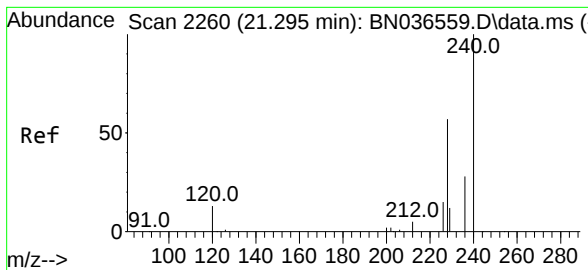
Tgt Ion:188 Resp: 4730
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.203 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036679.D
Acq: 18 Mar 2025 03:40

Tgt Ion:212 Resp: 2465
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 8.4 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: BN036679.D

Acq: 18 Mar 2025 03:40

Instrument :

BNA_N

ClientSampleId :

TT180D2-20250313DL

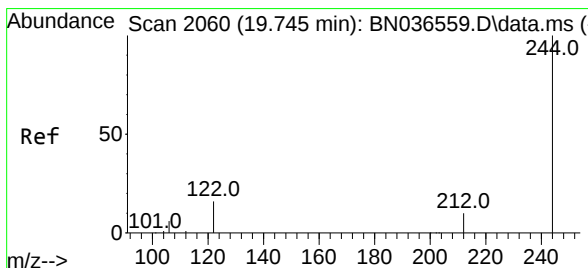
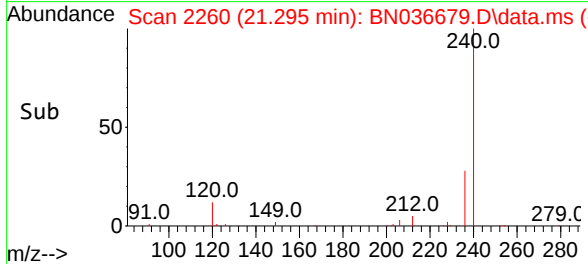
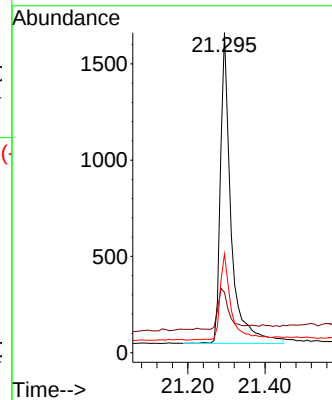
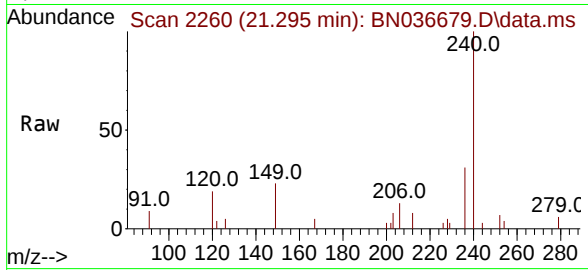
Tgt Ion:240 Resp: 3082

Ion Ratio Lower Upper

240 100

120 18.8 14.6 22.0

236 30.9 24.1 36.1



#31

Terphenyl-d14

Concen: 0.237 ng

RT: 19.736 min Scan# 2058

Delta R.T. -0.009 min

Lab File: BN036679.D

Acq: 18 Mar 2025 03:40

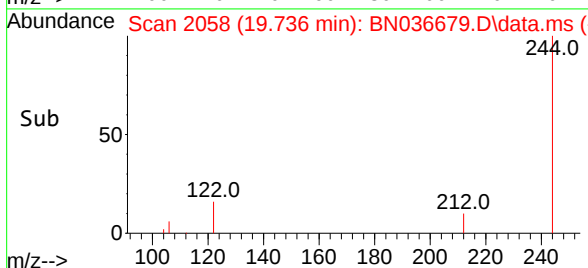
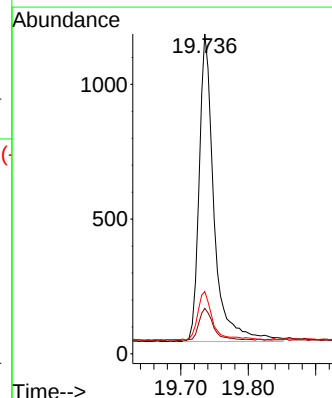
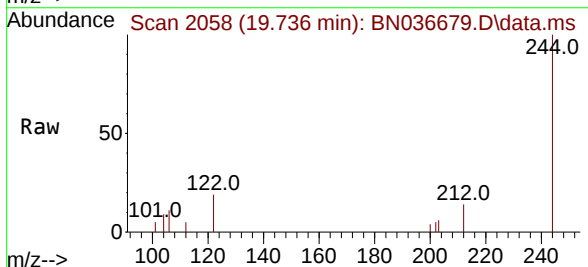
Tgt Ion:244 Resp: 1748

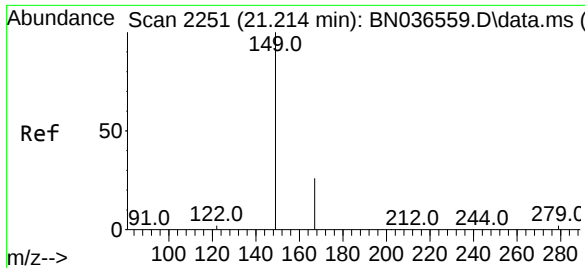
Ion Ratio Lower Upper

244 100

212 14.2 9.6 14.4

122 19.5 13.9 20.9

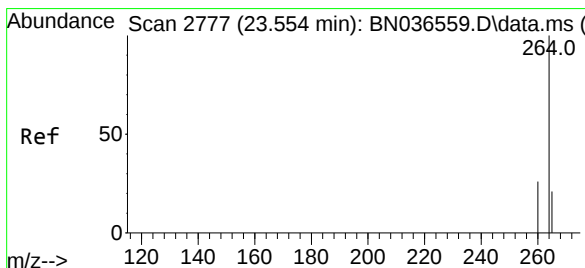
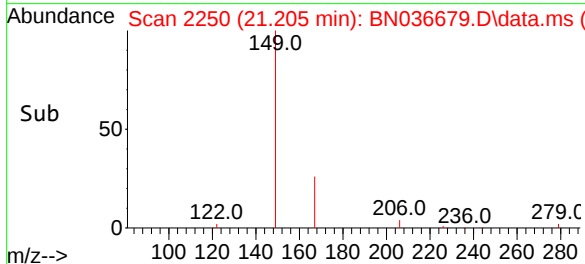
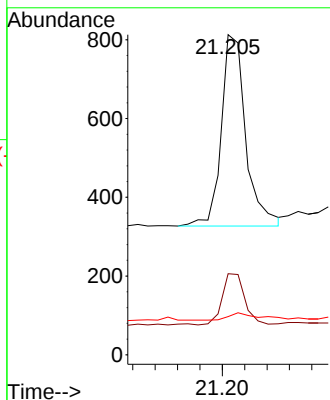
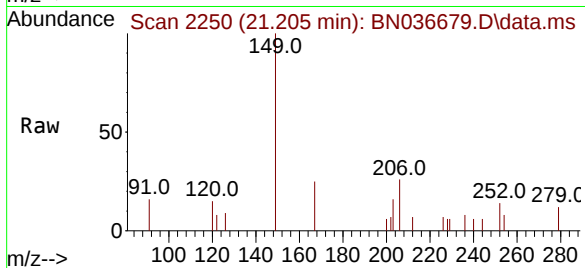




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.205 min Scan# 2125
 Delta R.T. -0.009 min
 Lab File: BN036679.D
 Acq: 18 Mar 2025 03:40

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 TT180D2-20250313DL

Tgt Ion:149 Resp: 739
 Ion Ratio Lower Upper
 149 100
 167 23.5 20.7 31.1
 279 5.5 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.545 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036679.D
 Acq: 18 Mar 2025 03:40

Tgt Ion:264 Resp: 2493
 Ion Ratio Lower Upper
 264 100
 260 29.1 22.6 33.8
 265 119.2 88.1 132.1

