

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036673.D
 Acq On : 18 Mar 2025 00:03
 Operator : RC/JU
 Sample : Q1582-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20250313

Quant Time: Mar 18 00:57:02 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)

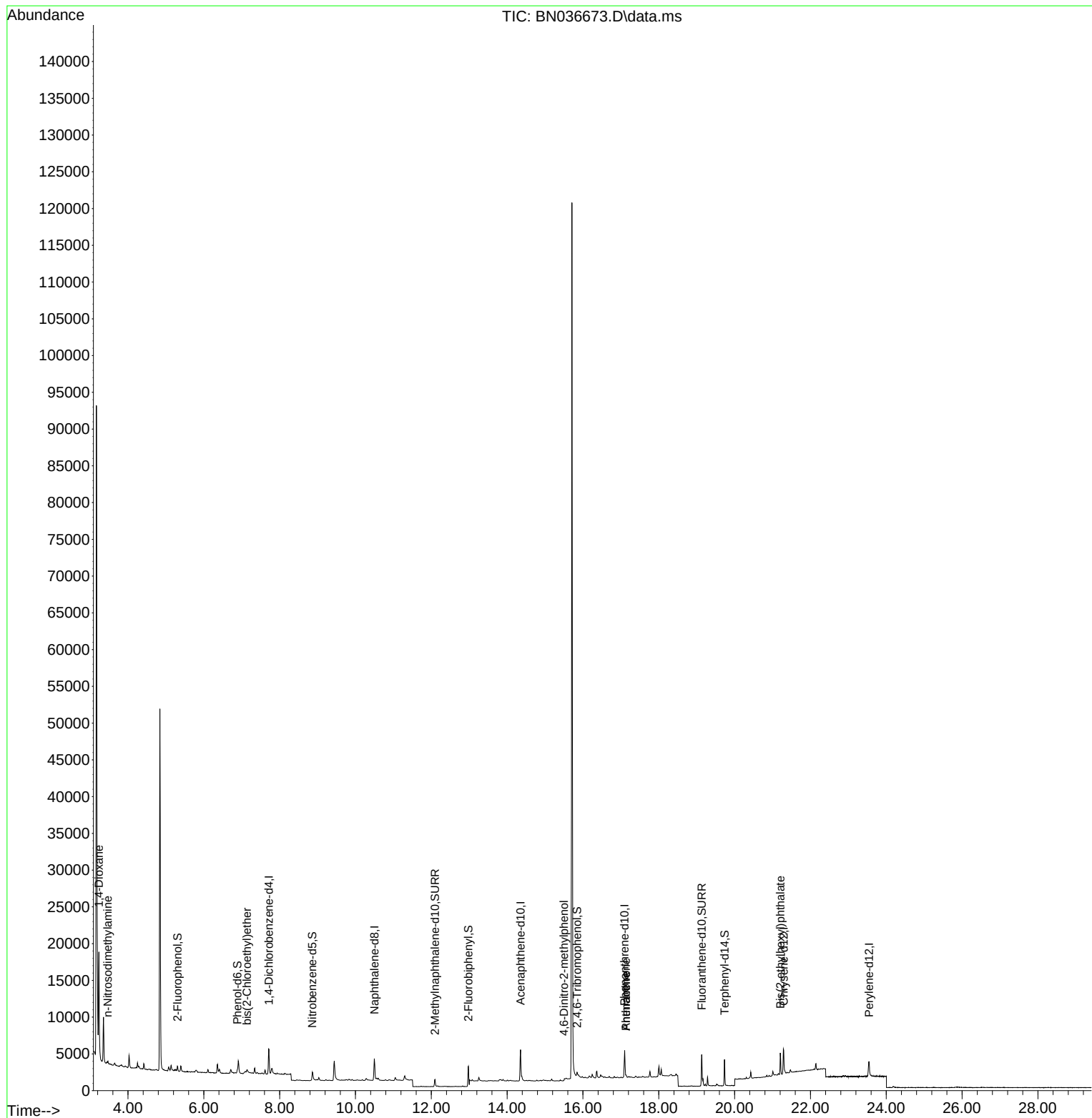
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1655	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4102	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2453	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5059	0.400	ng	-0.01
29) Chrysene-d12	21.295	240	3831	0.400	ng	# 0.00
35) Perylene-d12	23.546	264	3185	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	514	0.133	ng	0.00
5) Phenol-d6	6.887	99	386	0.081	ng	-0.01
8) Nitrobenzene-d5	8.865	82	1129	0.253	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1481	0.243	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	348	0.313	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3792	0.266	ng	-0.01
27) Fluoranthene-d10	19.132	212	4901	0.378	ng	0.00
31) Terphenyl-d14	19.736	244	3551	0.387	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.232	88	7300	3.976	ng	94
3) n-Nitrosodimethylamine	3.463	42	120	0.032	ng	# 6
6) bis(2-Chloroethyl)ether	7.139	93	243	0.049	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.499	198	4	0.149	ng	# 1
25) Phenanthrene	17.136	178	309	0.020	ng	# 72
26) Anthracene	17.136	178	309	0.023	ng	94
34) Bis(2-ethylhexyl)phtha...	21.205	149	2781	0.293	ng	# 97

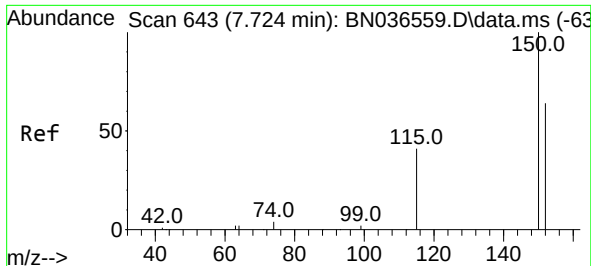
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036673.D
Acq On : 18 Mar 2025 00:03
Operator : RC/JU
Sample : Q1582-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

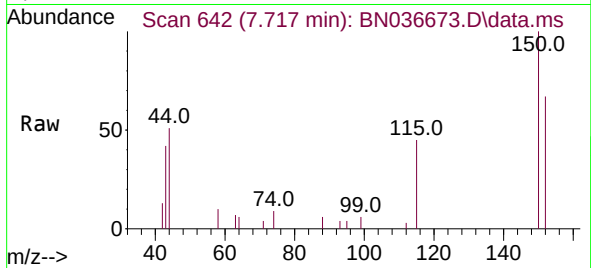
Quant Time: Mar 18 00:57:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



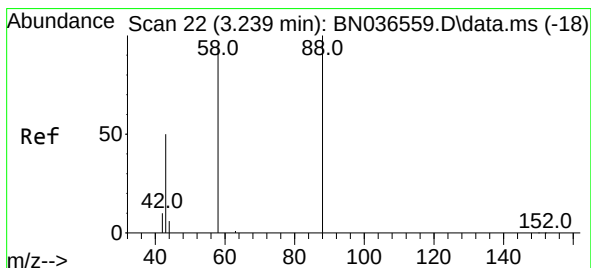
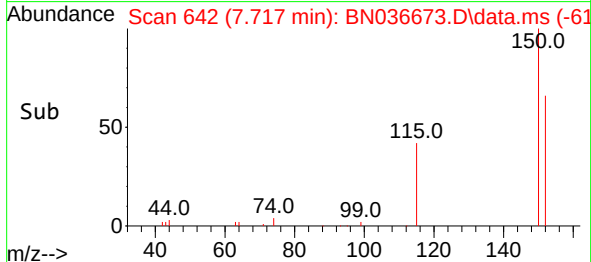
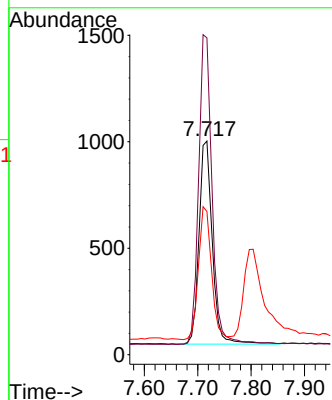


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20250313

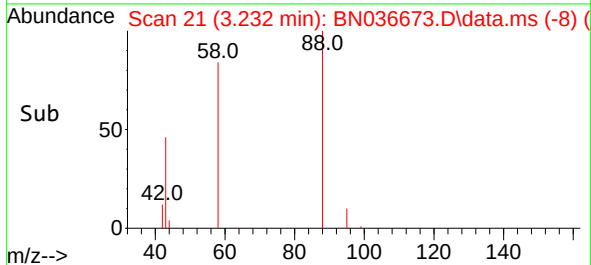
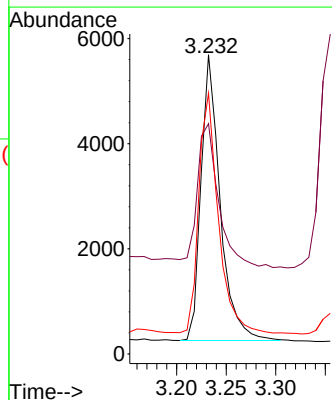
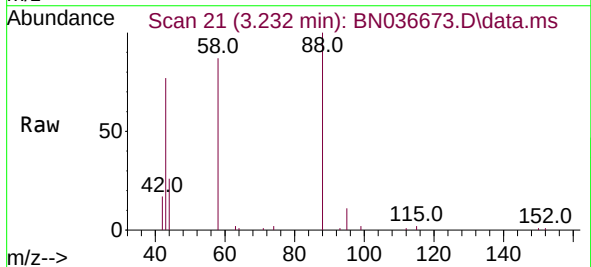


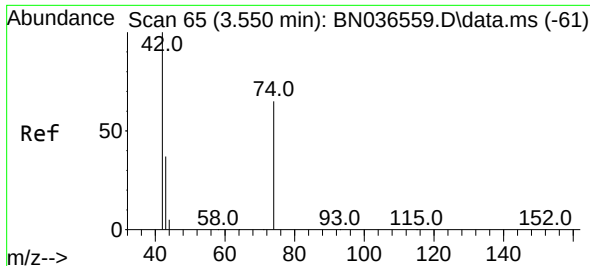
Tgt Ion:152 Resp: 1655
 Ion Ratio Lower Upper
 152 100
 150 148.4 123.7 185.5
 115 67.1 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.976 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

Tgt Ion: 88 Resp: 7300
 Ion Ratio Lower Upper
 88 100
 43 56.6 37.8 56.8
 58 85.4 67.4 101.2

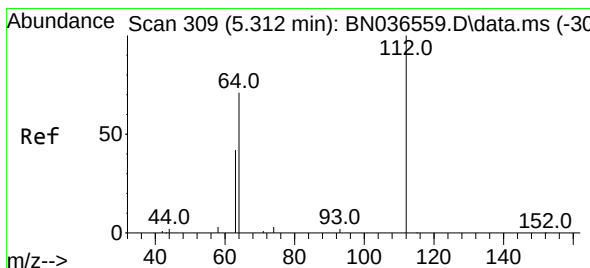
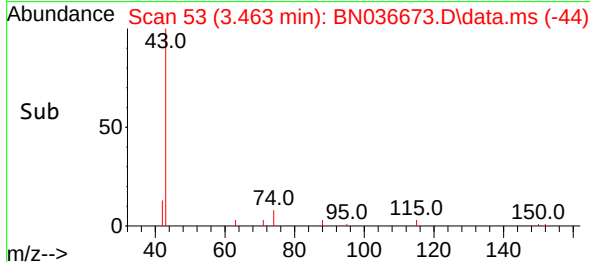
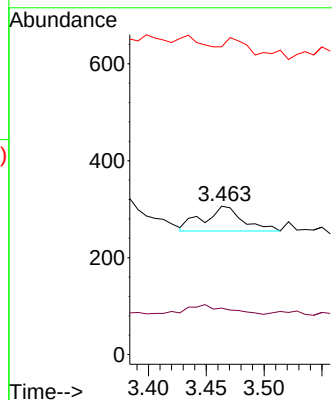
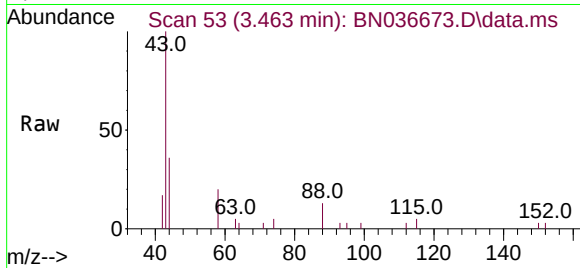




#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.463 min Scan# 51
Delta R.T. -0.087 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

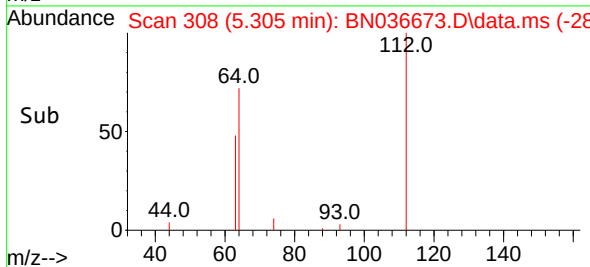
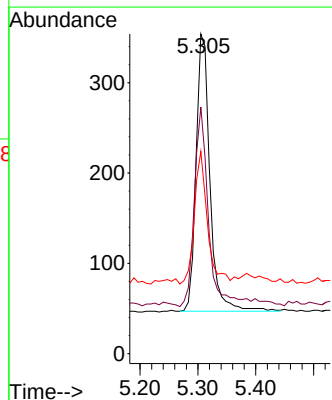
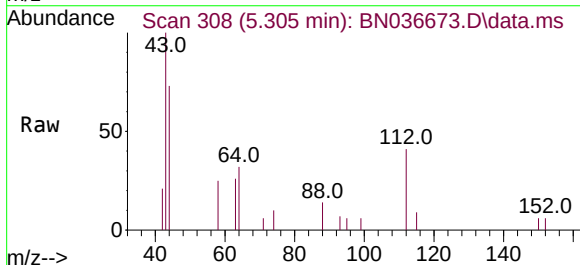
Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

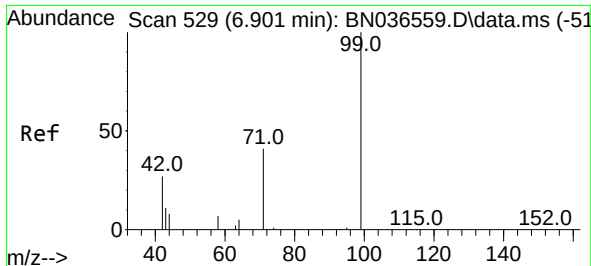
Tgt Ion: 42 Resp: 120
Ion Ratio Lower Upper
42 100
74 0.0 60.6 90.8#
44 60.0 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.305 min Scan# 308
Delta R.T. -0.007 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

Tgt Ion: 112 Resp: 514
Ion Ratio Lower Upper
112 100
64 77.0 53.1 79.7
63 44.7 31.8 47.8

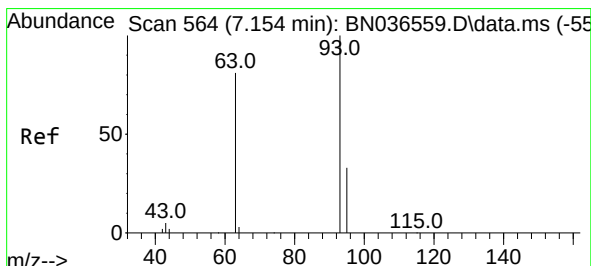
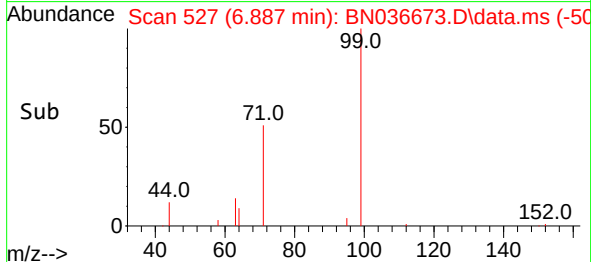
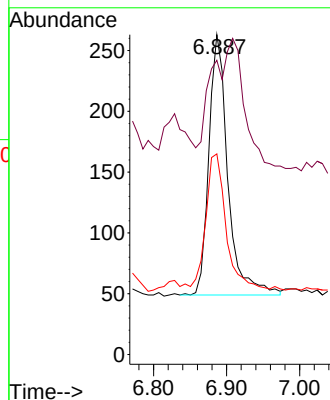
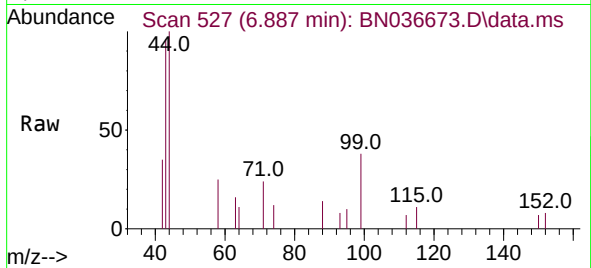




#5
Phenol-d6
Concen: 0.081 ng
RT: 6.887 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

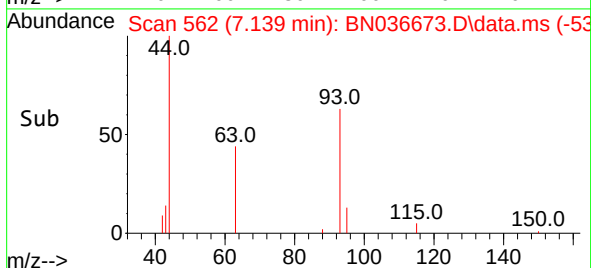
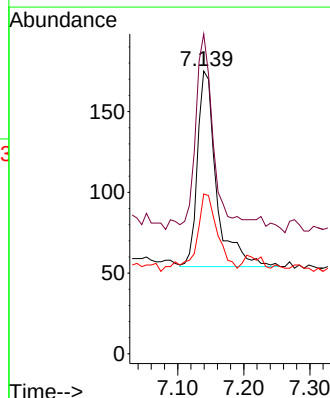
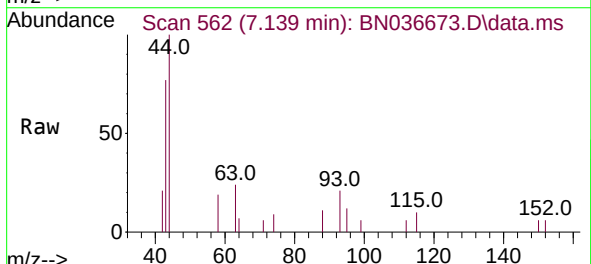
Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

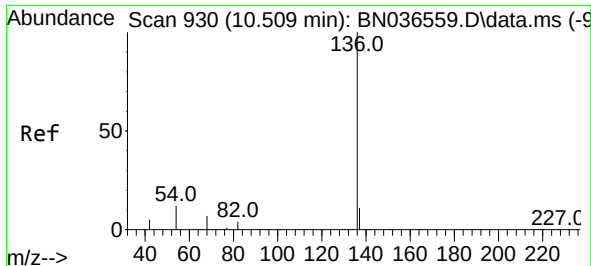
Tgt Ion: 99 Resp: 386
Ion Ratio Lower Upper
99 100
42 0.0 26.5 39.7#
71 54.9 34.1 51.1#



#6
bis(2-Chloroethyl)ether
Concen: 0.049 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.014 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

Tgt Ion: 93 Resp: 243
Ion Ratio Lower Upper
93 100
63 94.7 67.7 101.5
95 44.4 25.6 38.4#

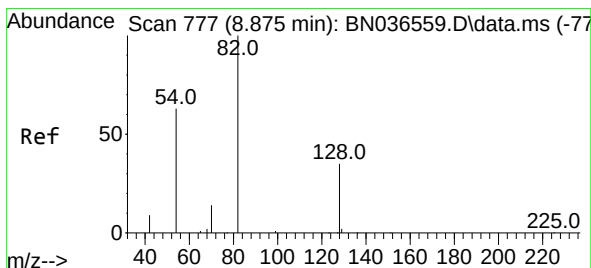
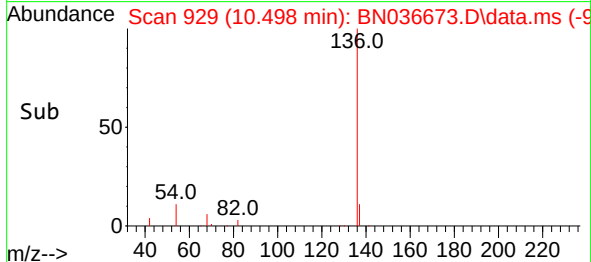
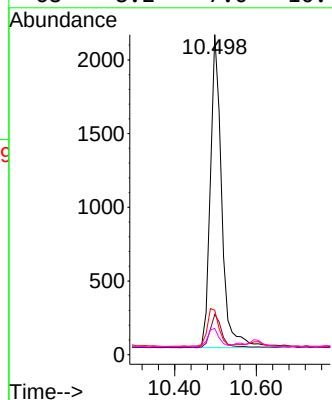
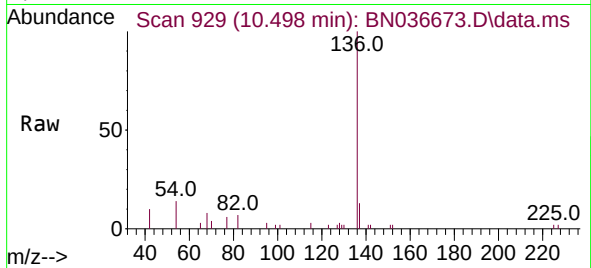




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

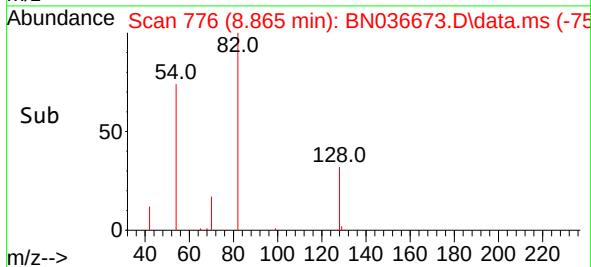
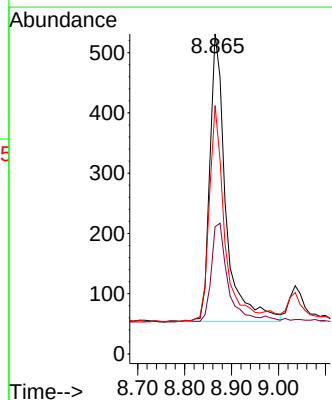
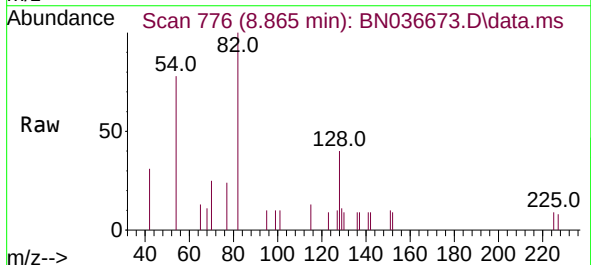
Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

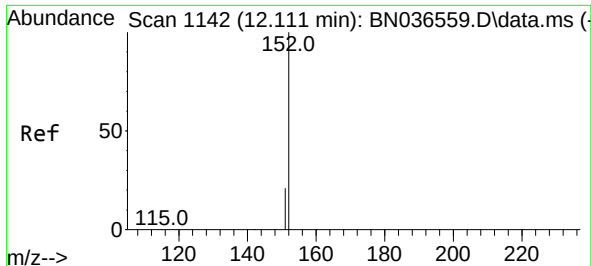
Tgt Ion:136	Resp:	4102
Ion Ratio	Lower	Upper
136	100	
137	12.6	10.3 15.5
54	13.9	11.5 17.3
68	8.2	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

Tgt Ion: 82	Resp:	1129
Ion Ratio	Lower	Upper
82	100	
128	39.7	30.6 45.8
54	77.6	52.2 78.4

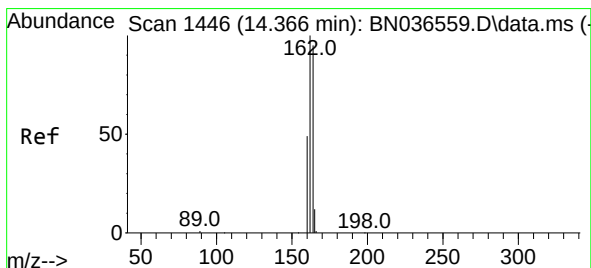
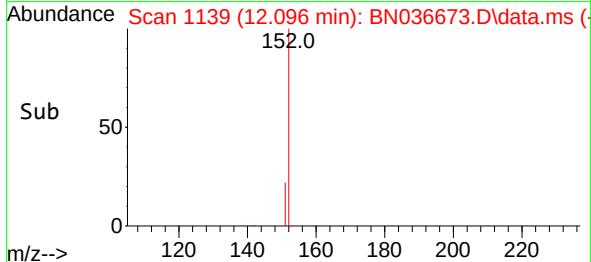
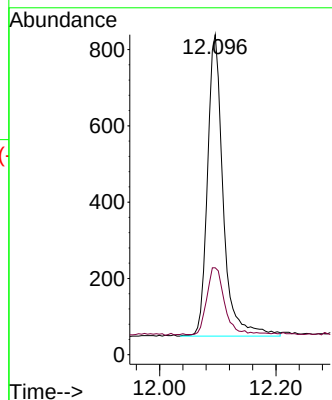
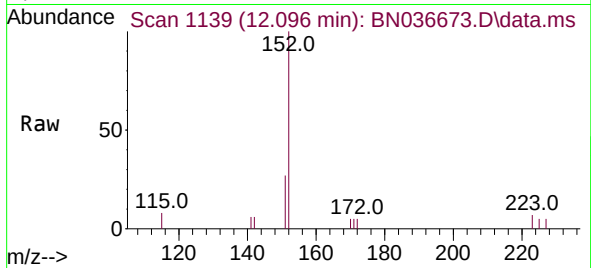




#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 12.096 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

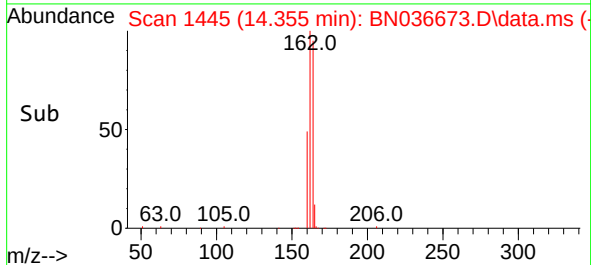
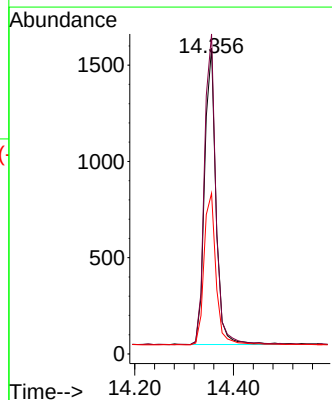
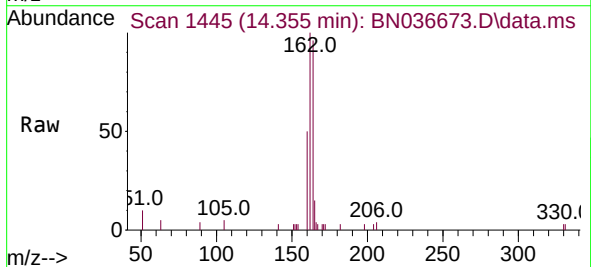
Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

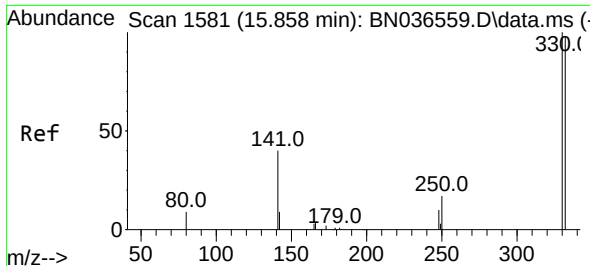
Tgt Ion:152 Resp: 1481
Ion Ratio Lower Upper
152 100
151 25.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

Tgt Ion:164 Resp: 2453
Ion Ratio Lower Upper
164 100
162 104.6 84.2 126.2
160 52.5 42.2 63.2

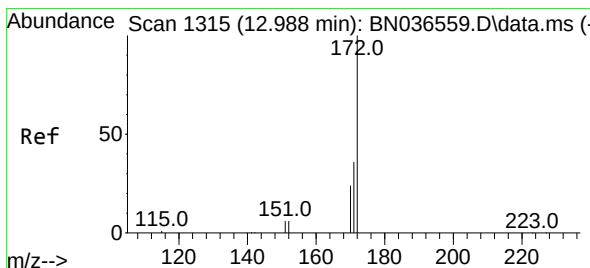
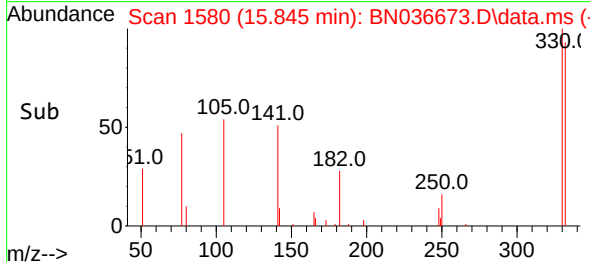
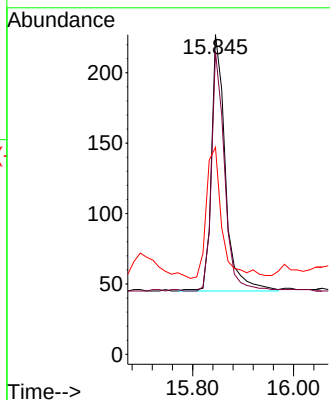
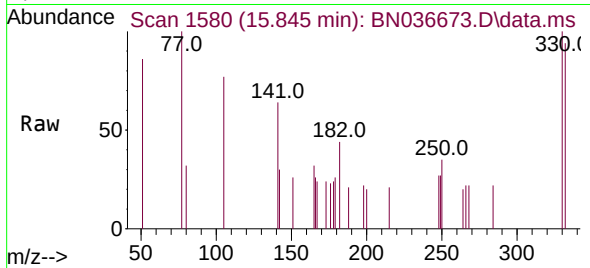




#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

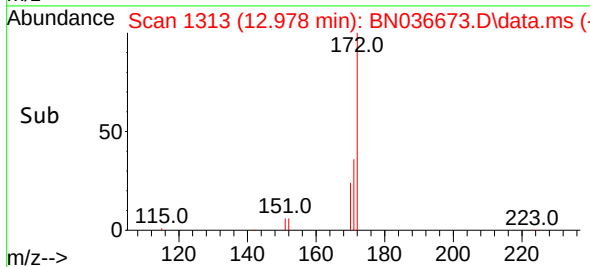
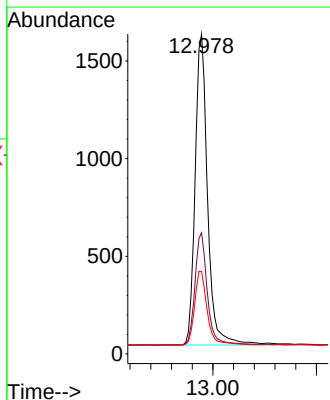
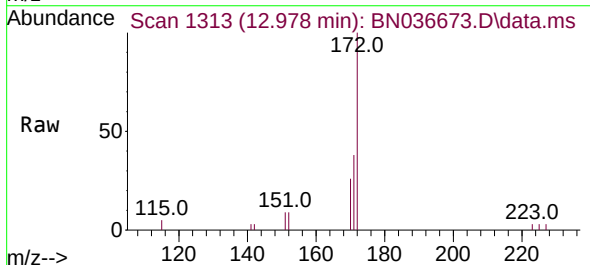
Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

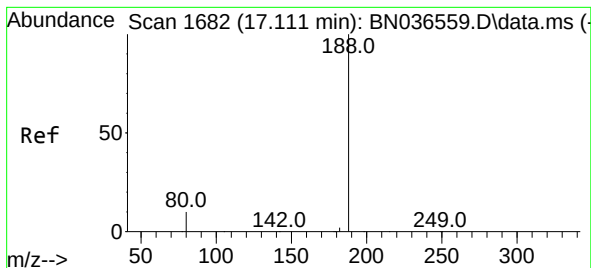
Tgt Ion:330 Resp: 348
Ion Ratio Lower Upper
330 100
332 88.5 75.2 112.8
141 58.3 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

Tgt Ion:172 Resp: 3792
Ion Ratio Lower Upper
172 100
171 37.9 29.5 44.3
170 25.8 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: BN036673.D

Acq: 18 Mar 2025 00:03

Instrument :

BNA_N

ClientSampleId :

RE114D1-20250313

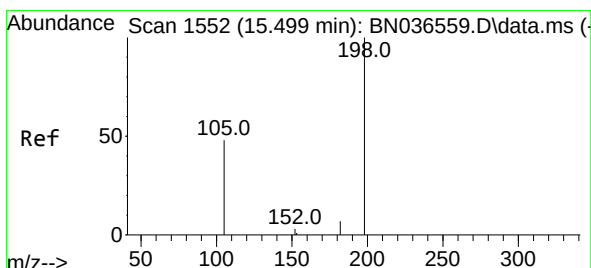
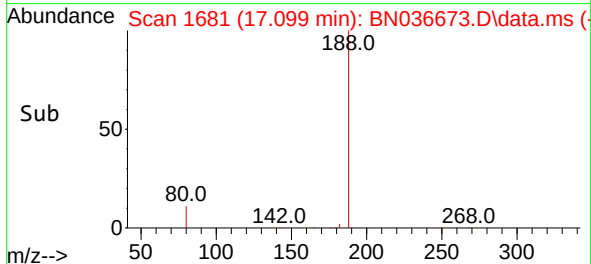
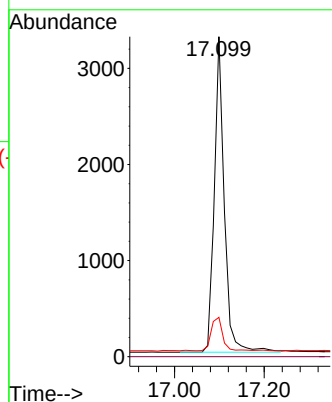
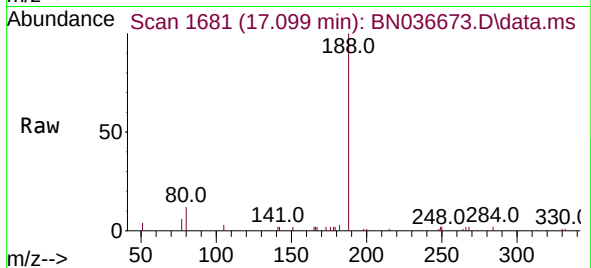
Tgt Ion:188 Resp: 5059

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.149 ng

RT: 15.499 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BN036673.D

Acq: 18 Mar 2025 00:03

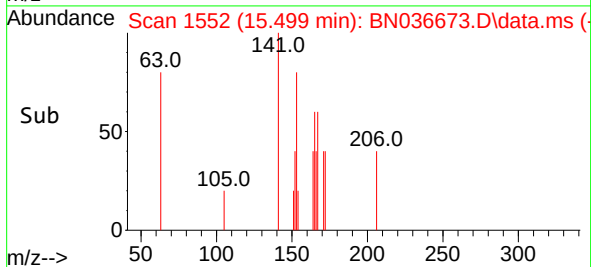
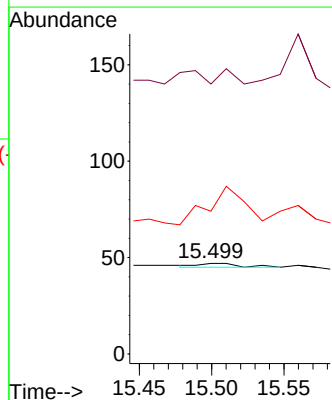
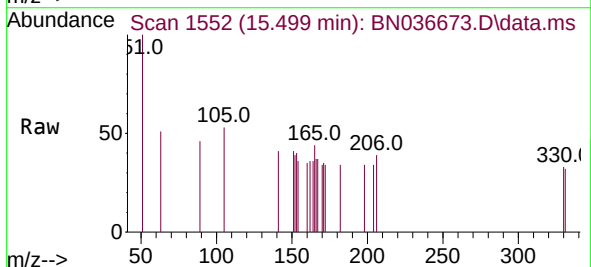
Tgt Ion:198 Resp: 4

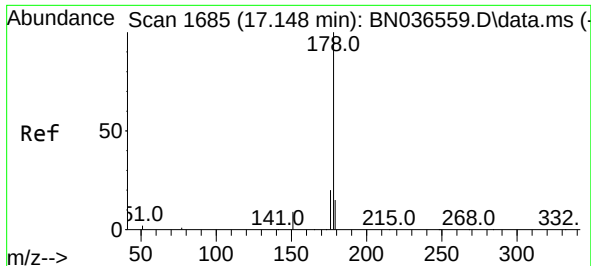
Ion Ratio Lower Upper

198 100

51 297.9 107.9 161.9#

105 157.4 56.2 84.2#

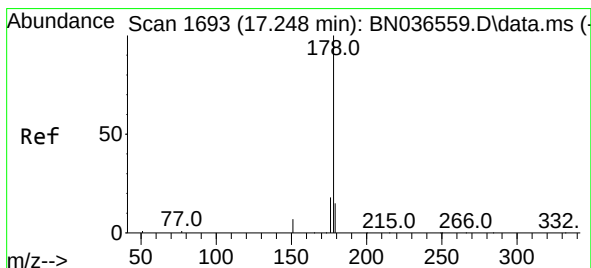
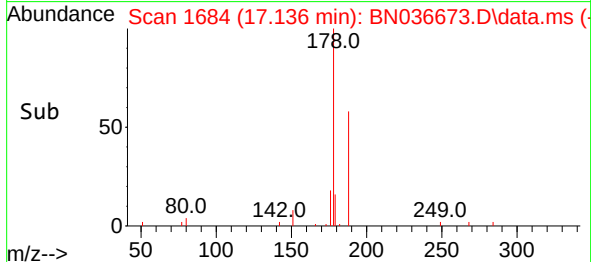
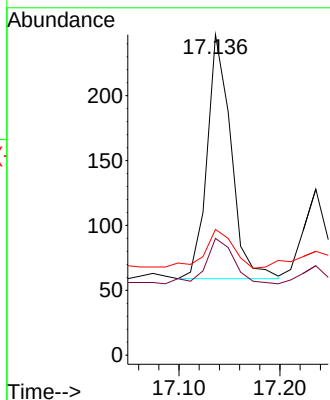
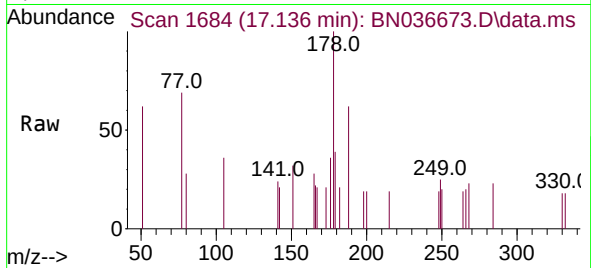




#25
Phenanthrene
Concen: 0.020 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

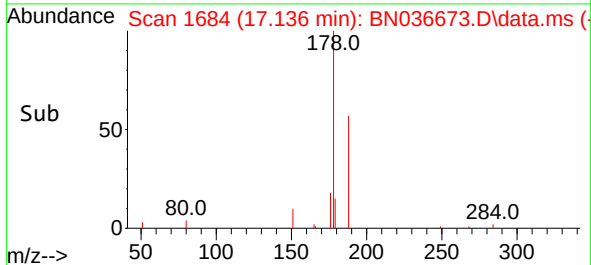
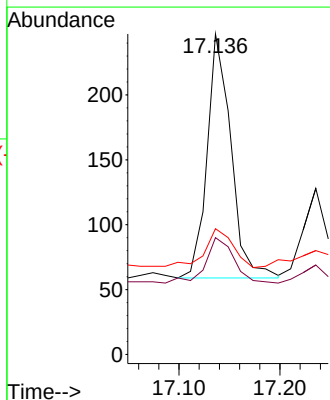
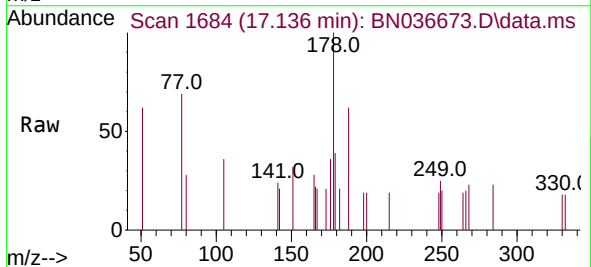
Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

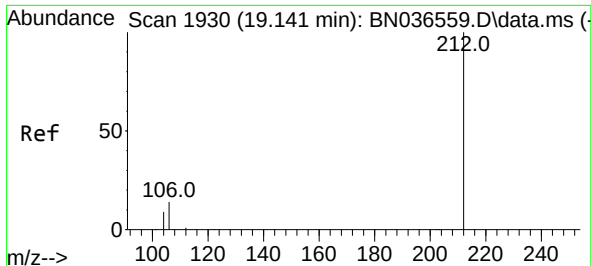
Tgt Ion:178 Resp: 309
Ion Ratio Lower Upper
178 100
176 25.9 15.9 23.9#
179 35.0 12.2 18.4#



#26
Anthracene
Concen: 0.023 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.112 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

Tgt Ion:178 Resp: 309
Ion Ratio Lower Upper
178 100
176 22.0 15.4 23.2
179 18.4 12.6 18.8

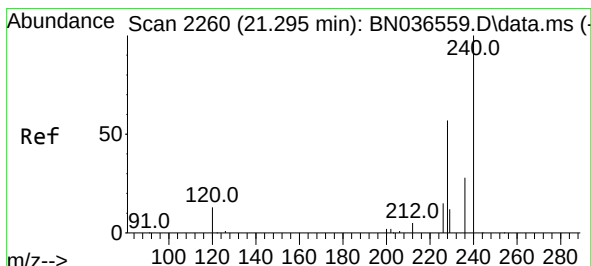
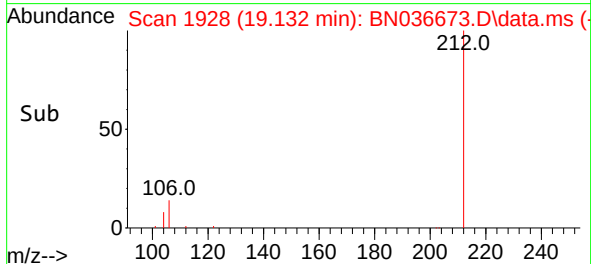
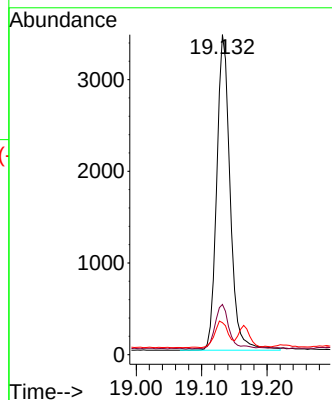
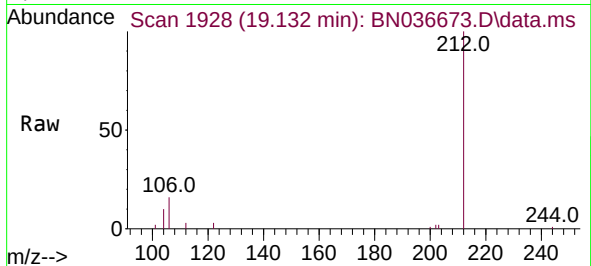




#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.132 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

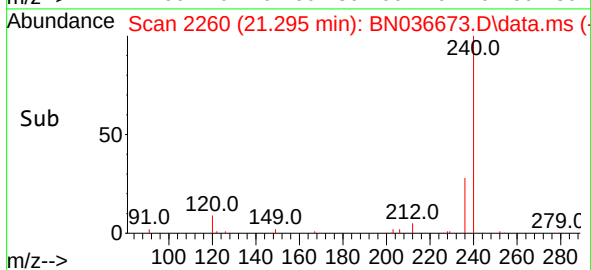
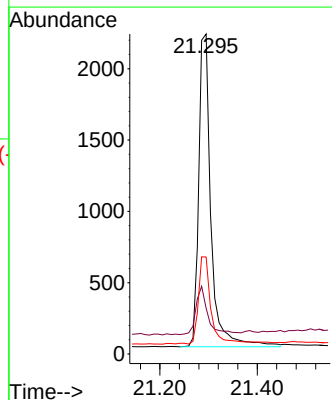
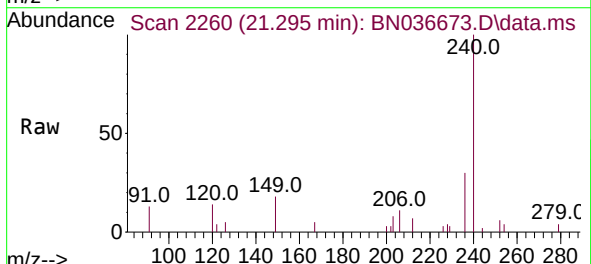
Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313

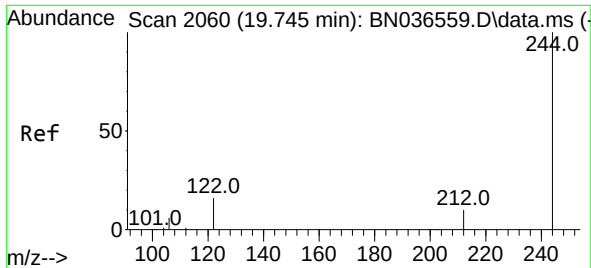
Tgt Ion:212 Resp: 4901
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 8.6 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

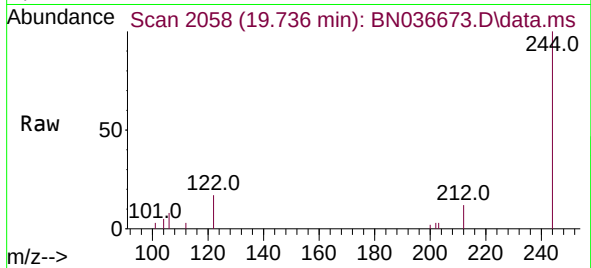
Tgt Ion:240 Resp: 3831
Ion Ratio Lower Upper
240 100
120 14.3 14.6 22.0#
236 30.3 24.1 36.1



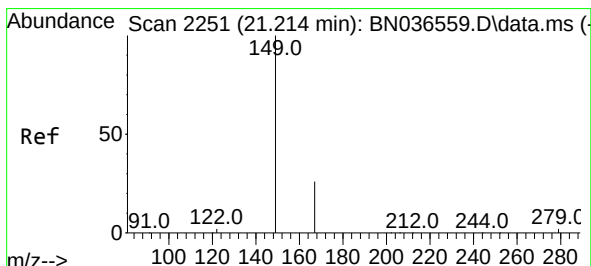
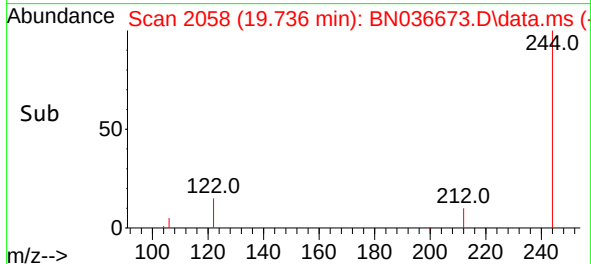
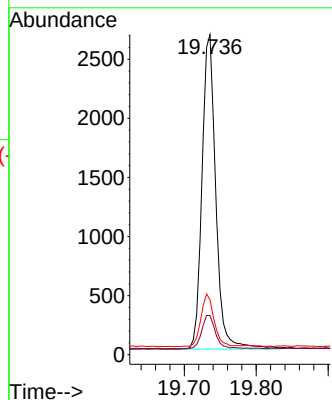


#31
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.736 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20250313

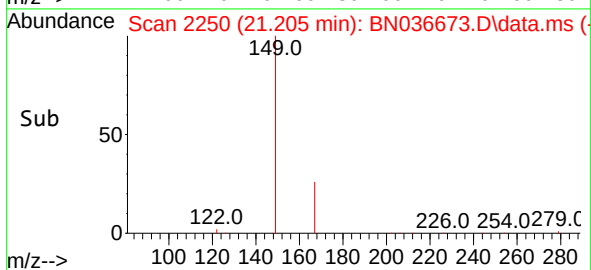
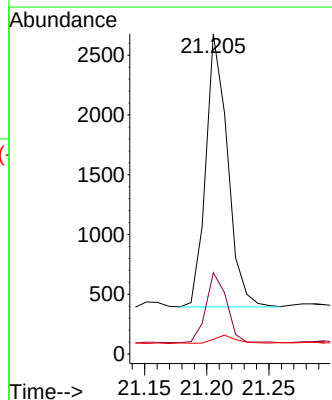
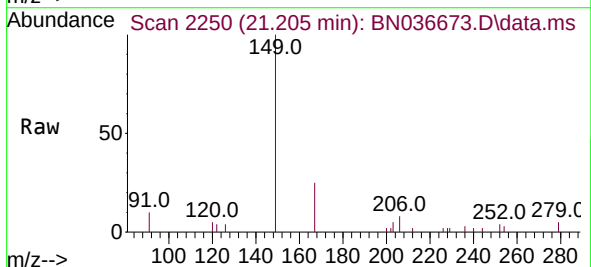


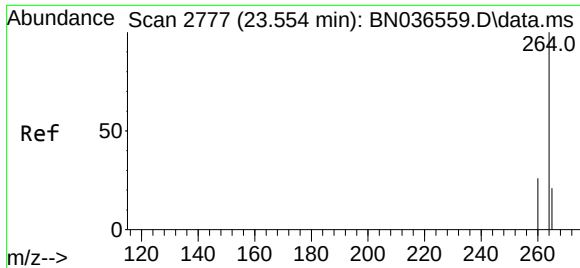
Tgt Ion:	244	Resp:	3551
Ion Ratio	Lower	Upper	
244	100		
212	12.2	9.6	14.4
122	17.2	13.9	20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.293 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. -0.009 min
 Lab File: BN036673.D
 Acq: 18 Mar 2025 00:03

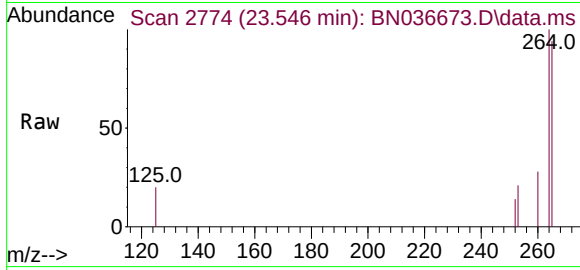
Tgt Ion:	149	Resp:	2781
Ion Ratio	Lower	Upper	
149	100		
167	24.5	20.7	31.1
279	3.5	3.6	5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.546 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036673.D
Acq: 18 Mar 2025 00:03

Instrument :
BNA_N
ClientSampleId :
RE114D1-20250313



Tgt Ion:264 Resp: 3185

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.6	33.8
265	94.2	88.1	132.1

