

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
 Data File : BN035994.D
 Acq On : 20 Jan 2025 12:15
 Operator : RC/JU
 Sample : Q1112-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

Quant Time: Jan 20 13:03:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

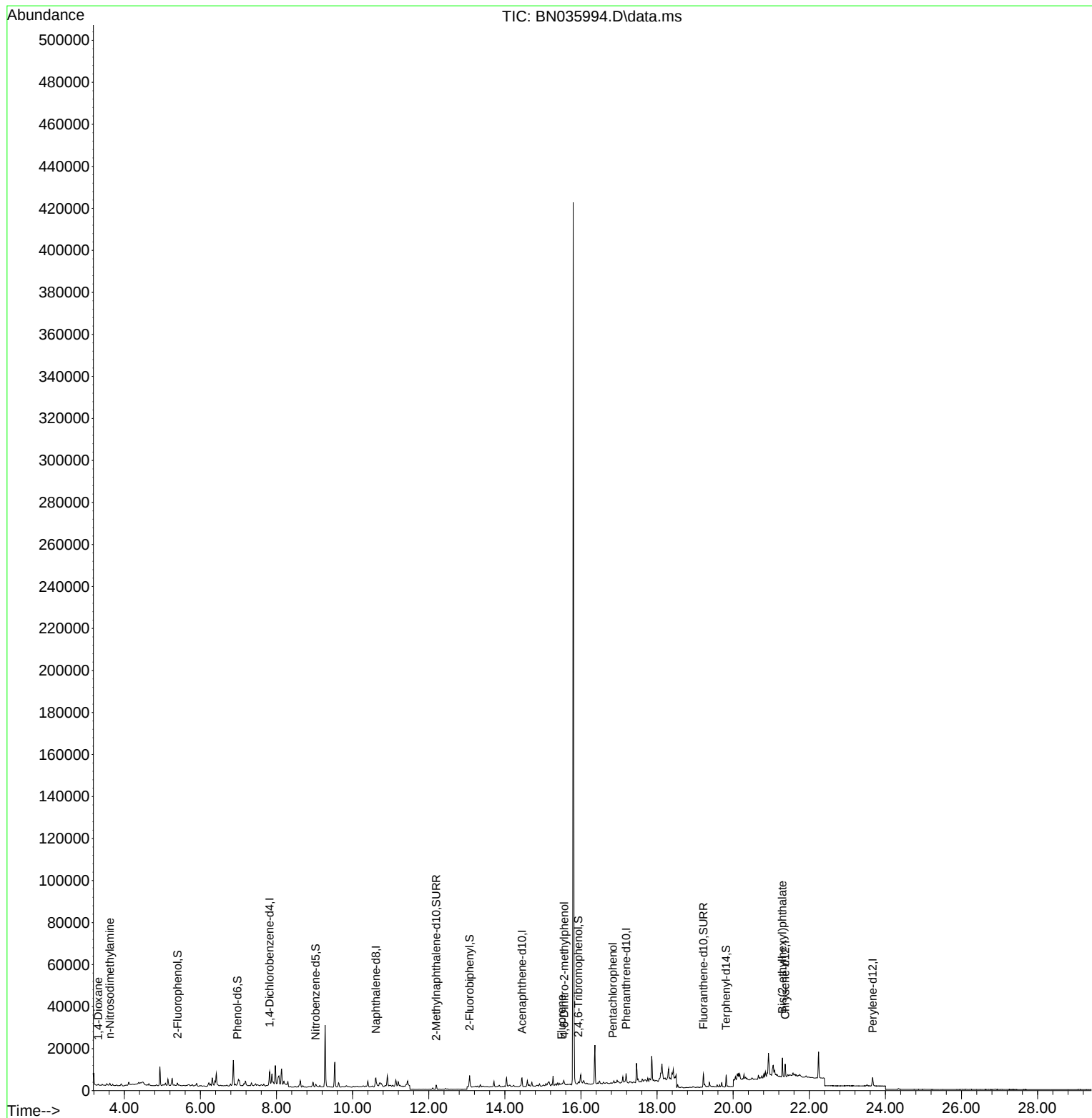
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	2303	0.400	ng	-0.02
7) Naphthalene-d8	10.611	136	4632	0.400	ng	-0.01
13) Acenaphthene-d10	14.452	164	2756	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	6604	0.400	ng	#-0.02
29) Chrysene-d12	21.367	240	5182	0.400	ng	#-0.02
35) Perylene-d12	23.666	264	5466	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	860	0.152	ng	-0.01
5) Phenol-d6	6.972	99	618	0.088	ng	-0.01
8) Nitrobenzene-d5	9.031	82	166	0.045	ng	0.05
11) 2-Methylnaphthalene-d10	12.198	152	2611	0.421	ng	-0.02
14) 2,4,6-Tribromophenol	15.933	330	472	0.357	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	4128	0.341	ng	-0.02
27) Fluoranthene-d10	19.216	212	6649	0.406	ng	-0.02
31) Terphenyl-d14	19.815	244	5127	0.497	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	390	0.170	ng	# 77
3) n-Nitrosodimethylamine	3.621	42	305	0.076	ng	# 75
18) Fluorene	15.489	166	4190	0.448	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.560	198	41	0.036	ng	# 1
24) Pentachlorophenol	16.839	266	144	0.066	ng	94
34) Bis(2-ethylhexyl)phtha...	21.295	149	7934	1.067	ng	97

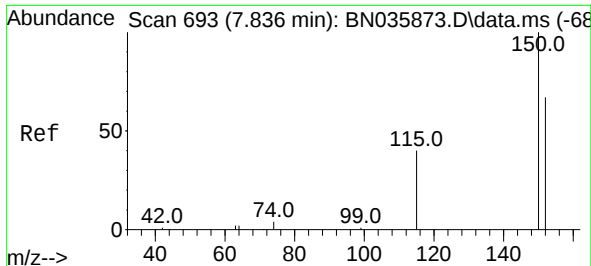
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
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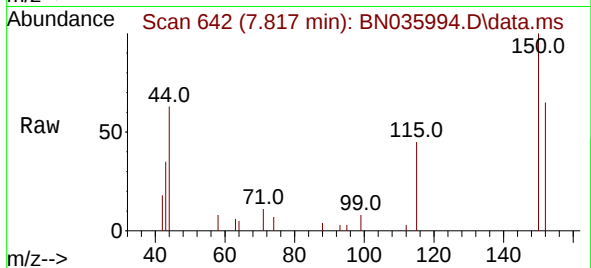
Quant Time: Jan 20 13:03:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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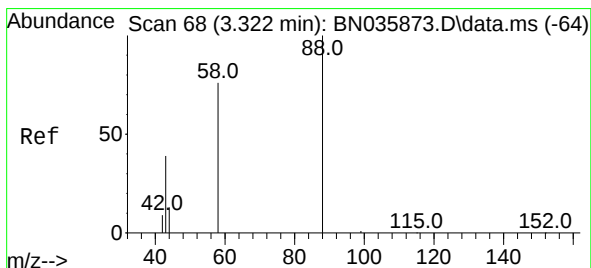
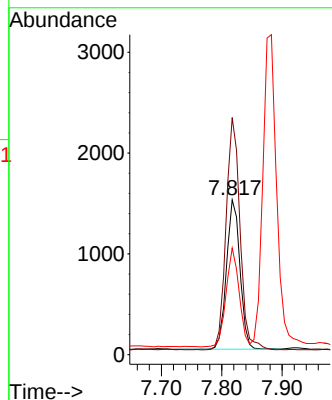
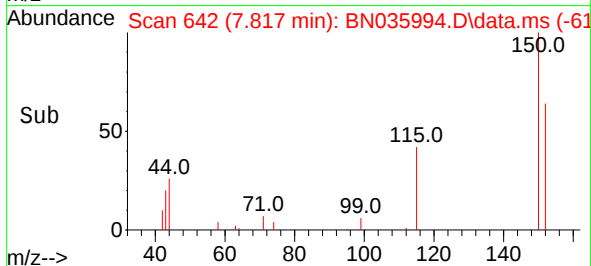


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.817 min Scan# 64
Delta R.T. -0.019 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

Instrument :
BNA_N
ClientSampleId :
TOWER-2

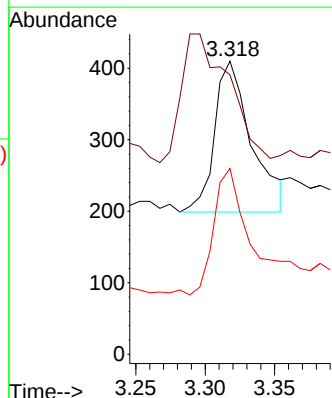
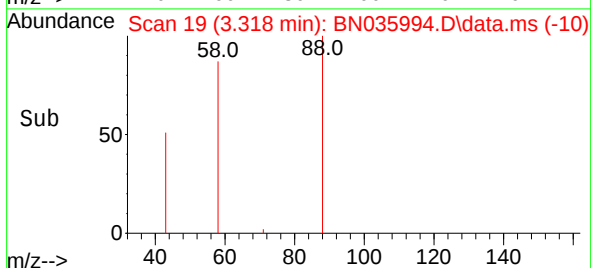
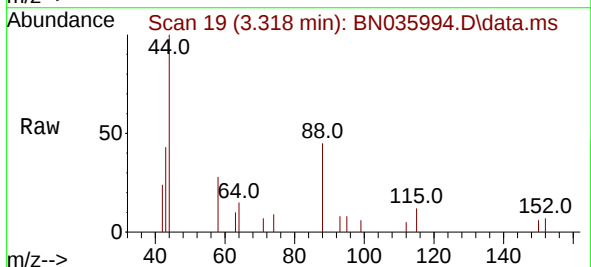


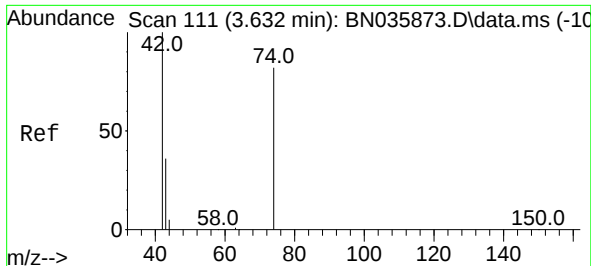
Tgt Ion:152 Resp: 2303
Ion Ratio Lower Upper
152 100
150 153.1 117.8 176.6
115 68.9 51.0 76.4



#2
1,4-Dioxane
Concen: 0.170 ng
RT: 3.318 min Scan# 19
Delta R.T. -0.004 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

Tgt Ion: 88 Resp: 390
Ion Ratio Lower Upper
88 100
43 0.0 32.7 49.1#
58 79.2 63.0 94.4

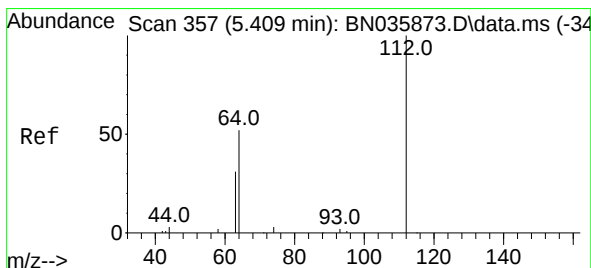
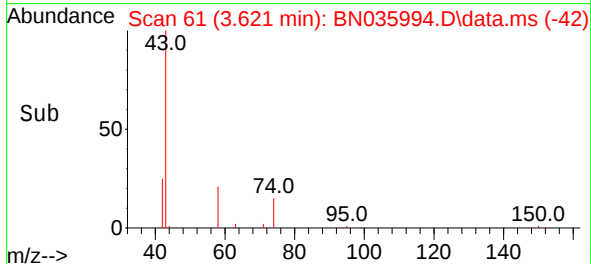
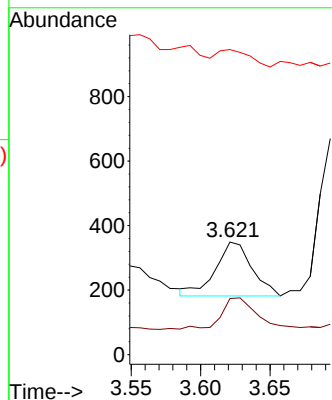
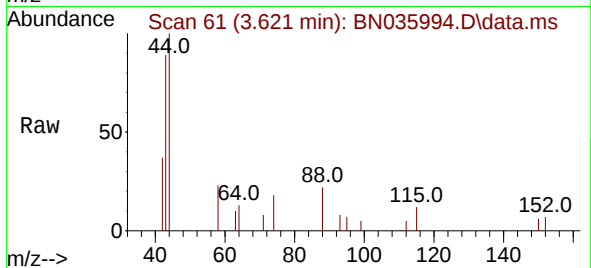




#3
n-Nitrosodimethylamine
Concen: 0.076 ng
RT: 3.621 min Scan# 61
Delta R.T. -0.011 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

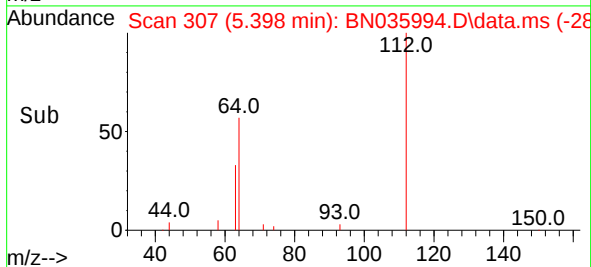
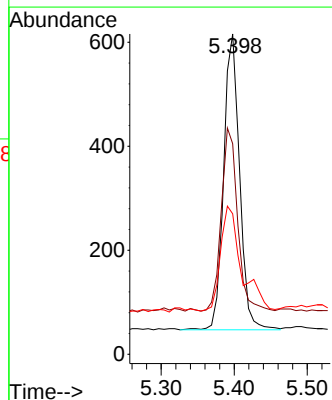
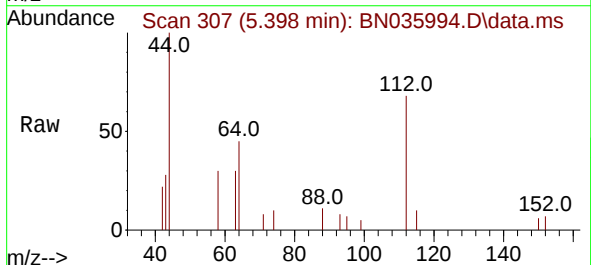
Instrument :
BNA_N
ClientSampleId :
TOWER-2

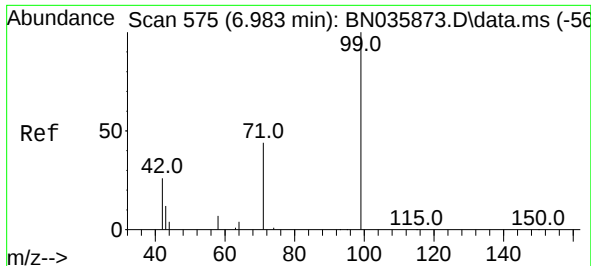
Tgt Ion: 42 Resp: 305
Ion Ratio Lower Upper
42 100
74 59.0 62.2 93.2#
44 27.9 7.1 10.7#



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

Tgt Ion: 112 Resp: 860
Ion Ratio Lower Upper
112 100
64 63.3 48.2 72.2
63 47.0 30.0 45.0#

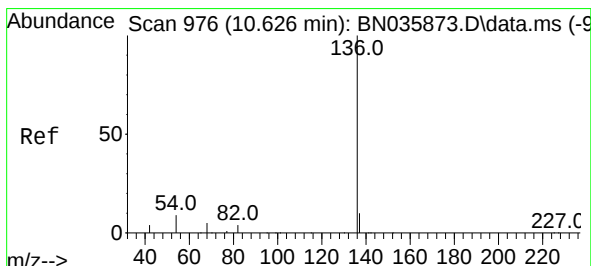
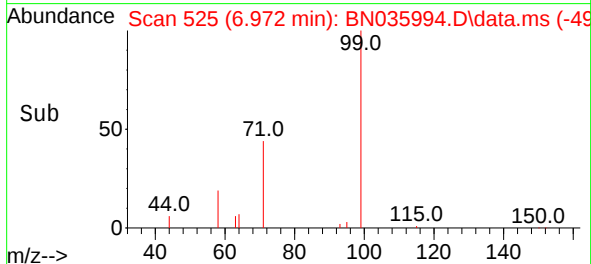
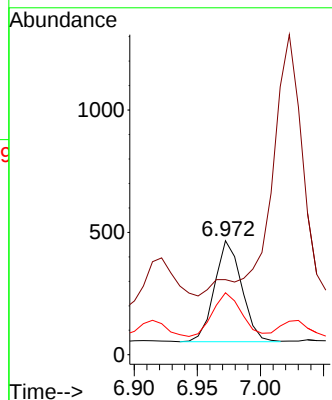
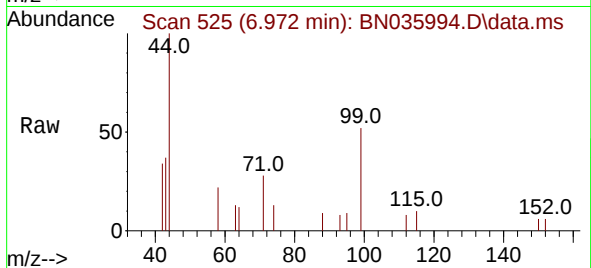




#5
Phenol-d6
Concen: 0.088 ng
RT: 6.972 min Scan# 51
Delta R.T. -0.011 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

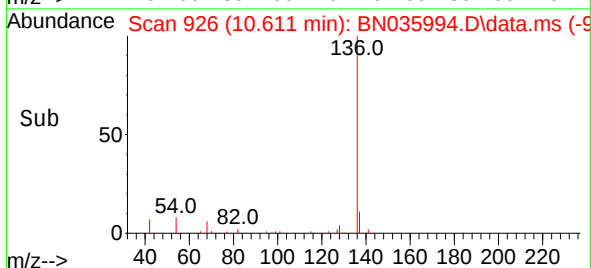
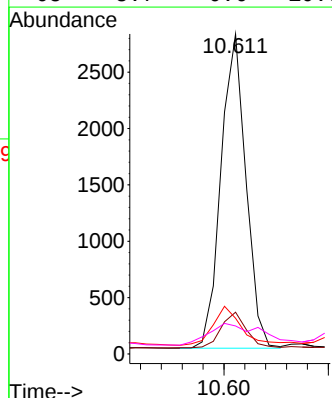
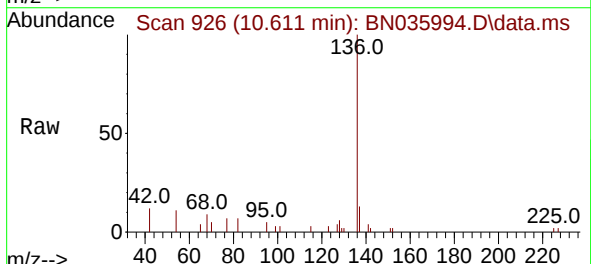
Instrument :
BNA_N
ClientSampleId :
TOWER-2

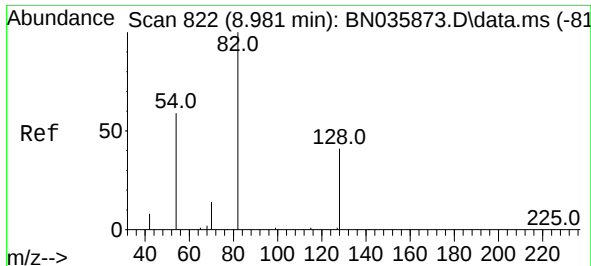
Tgt Ion: 99 Resp: 618
Ion Ratio Lower Upper
99 100
42 0.0 23.5 35.3#
71 47.7 35.5 53.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.611 min Scan# 926
Delta R.T. -0.014 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

Tgt Ion: 136 Resp: 4632
Ion Ratio Lower Upper
136 100
137 13.0 10.6 15.8
54 11.2 9.8 14.6
68 8.7 6.6 10.0

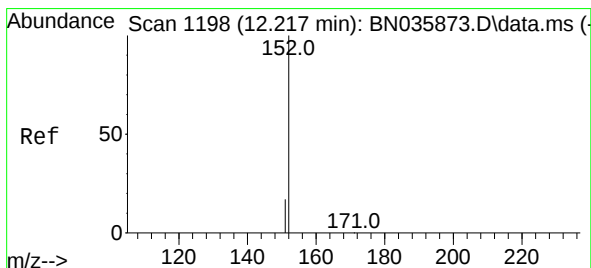
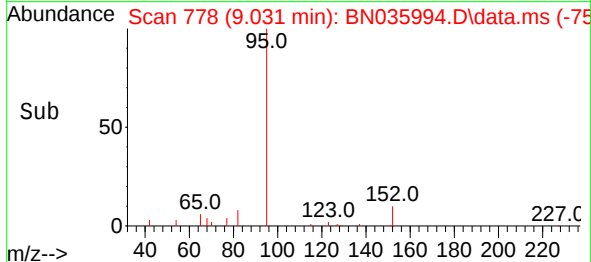
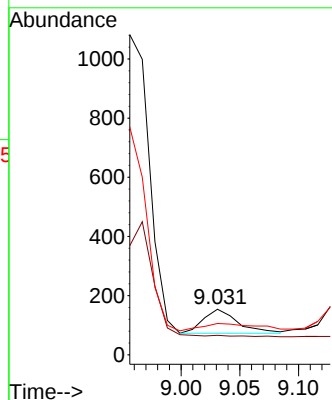
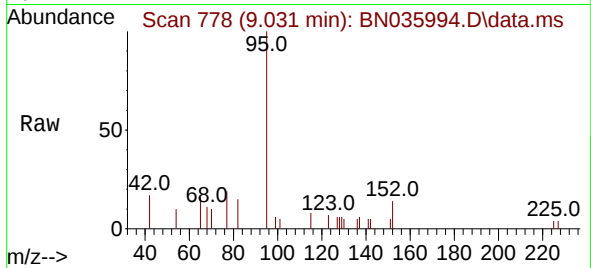




#8
Nitrobenzene-d5
Concen: 0.045 ng
RT: 9.031 min Scan# 71
Delta R.T. 0.050 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

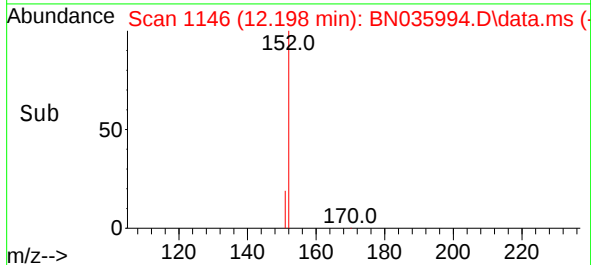
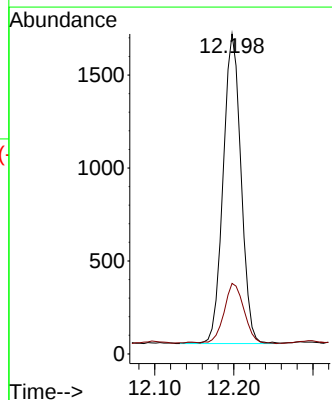
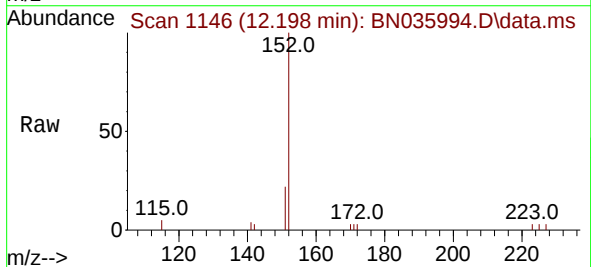
Instrument :
BNA_N
ClientSampleId :
TOWER-2

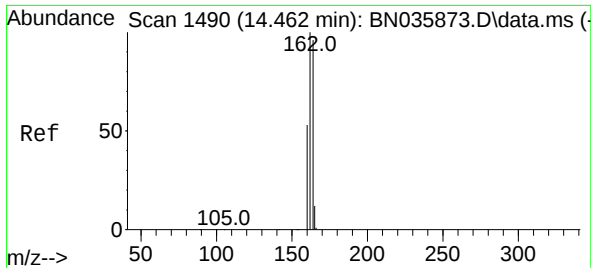
Tgt Ion: 82 Resp: 166
Ion Ratio Lower Upper
82 100
128 42.9 36.9 55.3
54 68.8 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.198 min Scan# 1146
Delta R.T. -0.019 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

Tgt Ion:152 Resp: 2611
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6

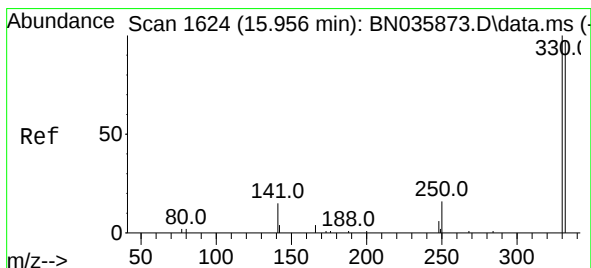
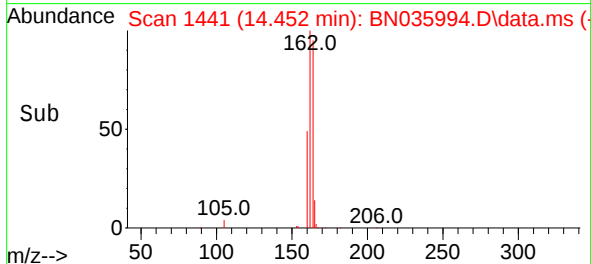
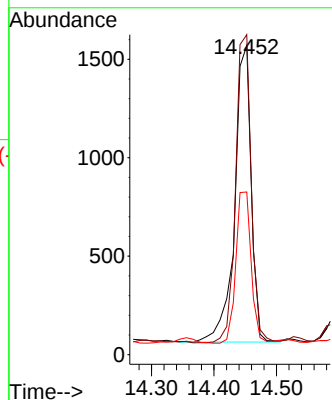
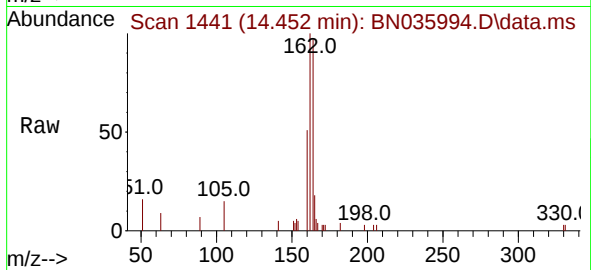




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

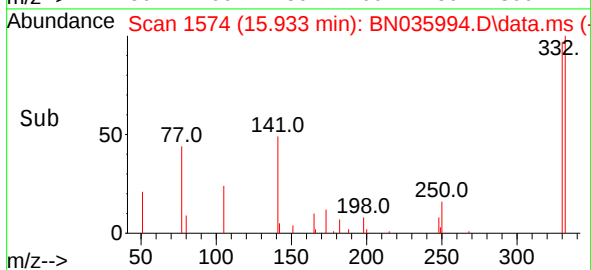
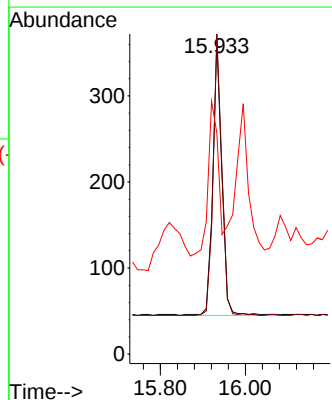
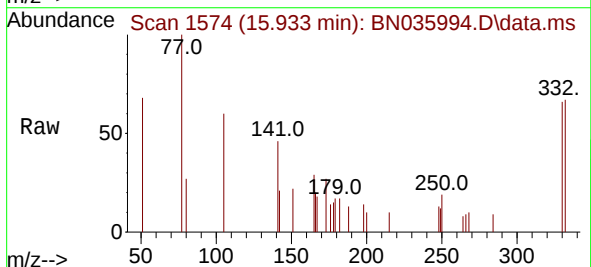
Instrument :
BNA_N
ClientSampleId :
TOWER-2

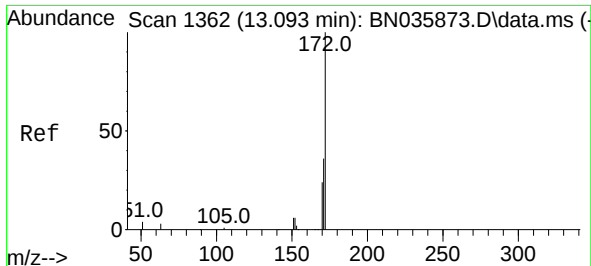
Tgt Ion:164 Resp: 2756
Ion Ratio Lower Upper
164 100
162 103.5 83.1 124.7
160 52.6 46.0 69.0



#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.933 min Scan# 1574
Delta R.T. -0.024 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

Tgt Ion:330 Resp: 472
Ion Ratio Lower Upper
330 100
332 98.5 77.2 115.8
141 68.9 31.6 47.4#





#15

2-Fluorobiphenyl

Concen: 0.341 ng

RT: 13.073 min Scan# 14

Delta R.T. -0.020 min

Lab File: BN035994.D

Acq: 20 Jan 2025 12:15

Instrument :

BNA_N

ClientSampleId :

TOWER-2

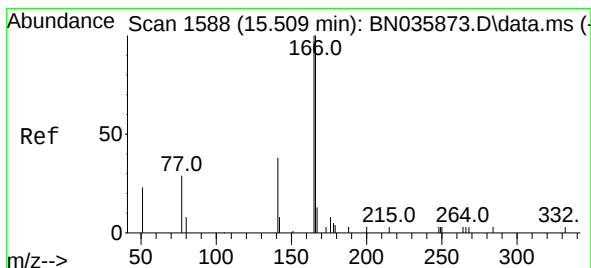
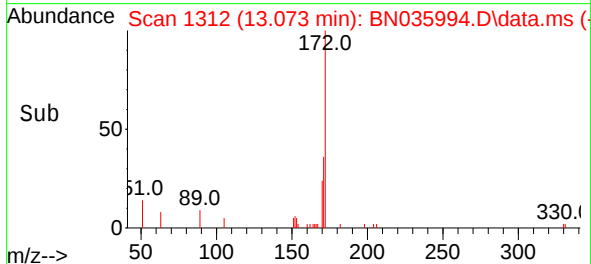
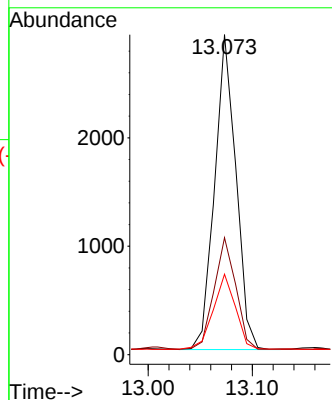
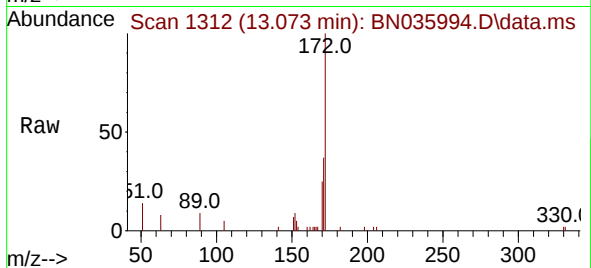
Tgt Ion:172 Resp: 4128

Ion Ratio Lower Upper

172 100

171 36.5 30.5 45.7

170 25.1 20.8 31.2



#18

Fluorene

Concen: 0.448 ng

RT: 15.489 min Scan# 1538

Delta R.T. -0.020 min

Lab File: BN035994.D

Acq: 20 Jan 2025 12:15

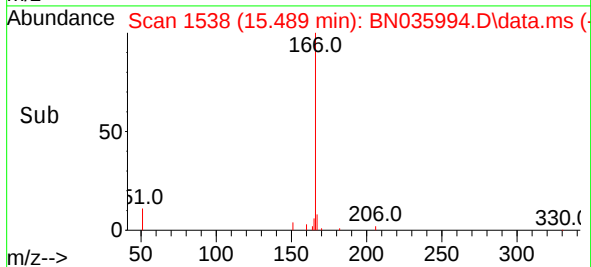
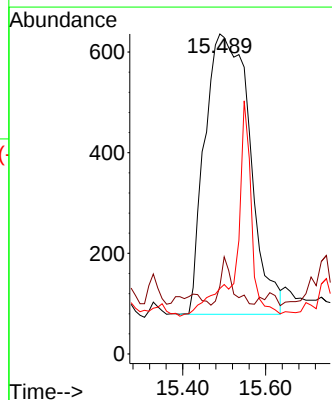
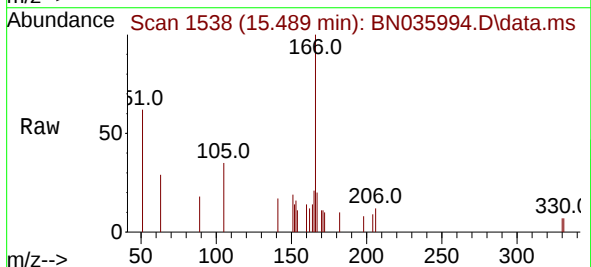
Tgt Ion:166 Resp: 4190

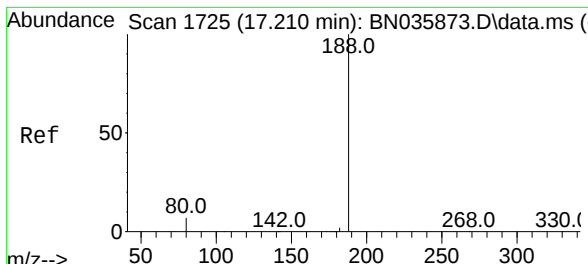
Ion Ratio Lower Upper

166 100

165 4.6 80.6 120.8#

167 0.0 11.4 17.0#

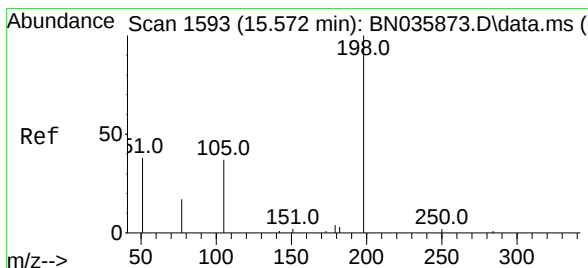
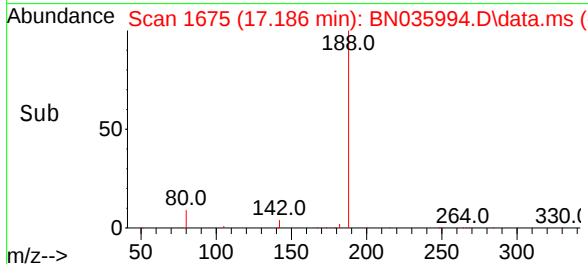
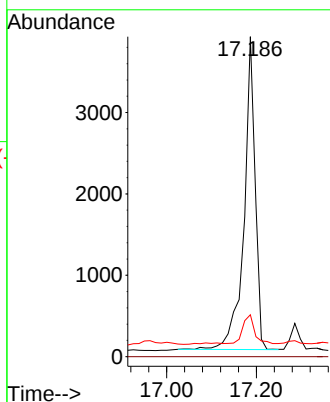
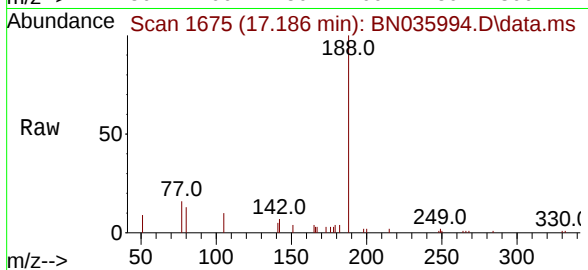




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.024 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

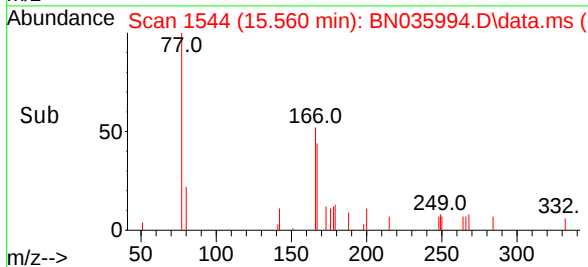
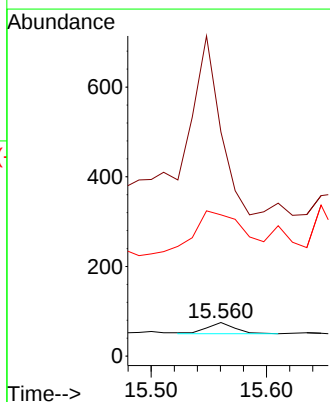
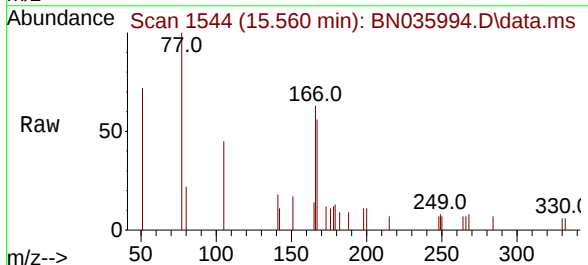
Instrument :
BNA_N
ClientSampleId :
TOWER-2

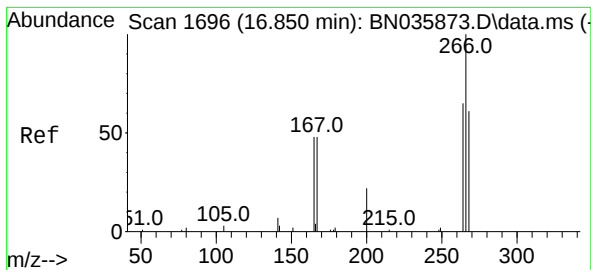
Tgt Ion:188 Resp: 6604
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 7.3 10.9#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.036 ng
RT: 15.560 min Scan# 1544
Delta R.T. -0.011 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

Tgt Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
51 666.7 64.3 96.5#
105 420.0 50.0 75.0#





#24

Pentachlorophenol

Concen: 0.066 ng

RT: 16.839 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN035994.D

Acq: 20 Jan 2025 12:15

Instrument :

BNA_N

ClientSampleId :

TOWER-2

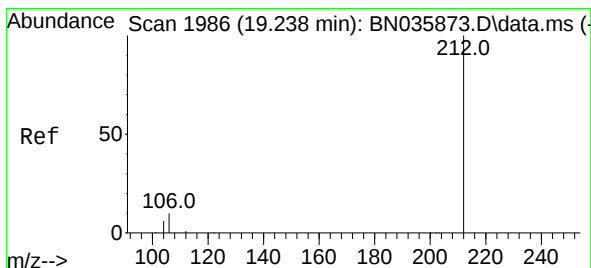
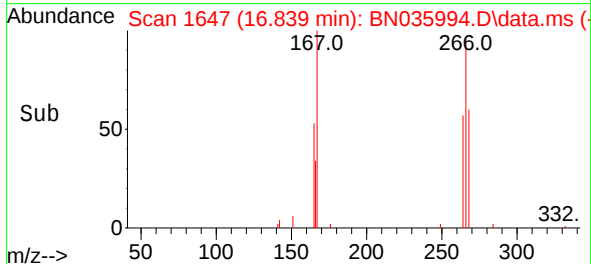
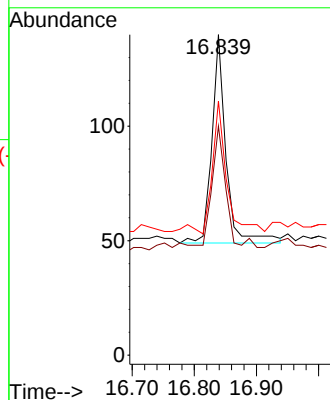
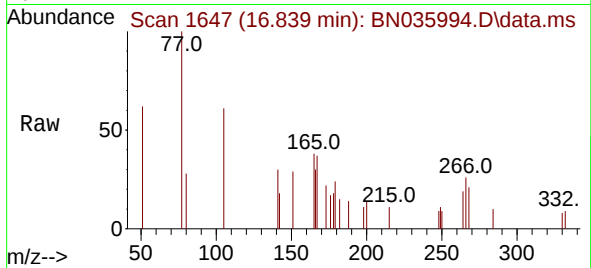
Tgt Ion:266 Resp: 144

Ion Ratio Lower Upper

266 100

264 54.2 49.9 74.9

268 61.1 50.2 75.2



#27

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.216 min Scan# 1933

Delta R.T. -0.022 min

Lab File: BN035994.D

Acq: 20 Jan 2025 12:15

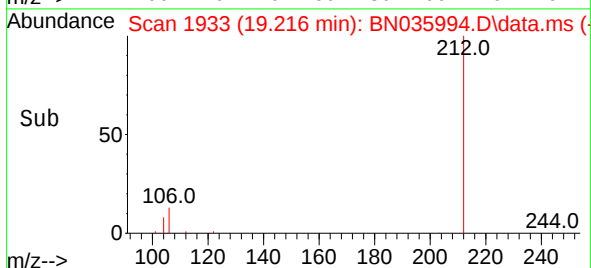
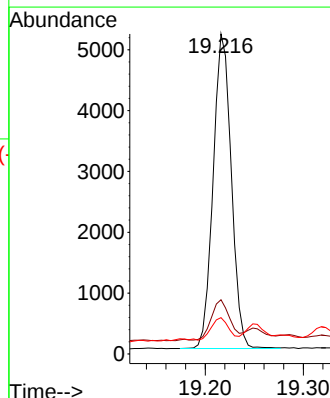
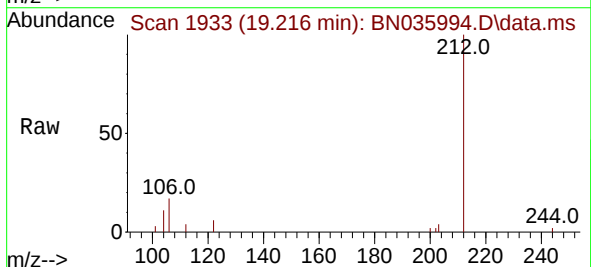
Tgt Ion:212 Resp: 6649

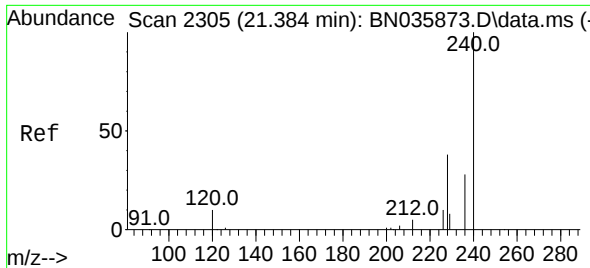
Ion Ratio Lower Upper

212 100

106 12.8 9.0 13.6

104 6.9 5.4 8.2

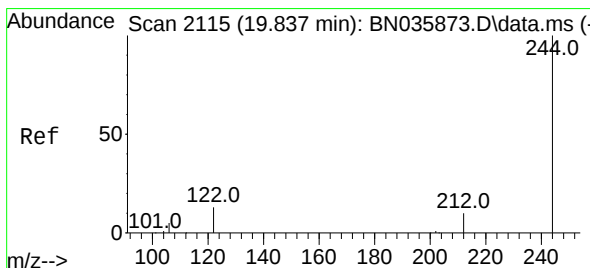
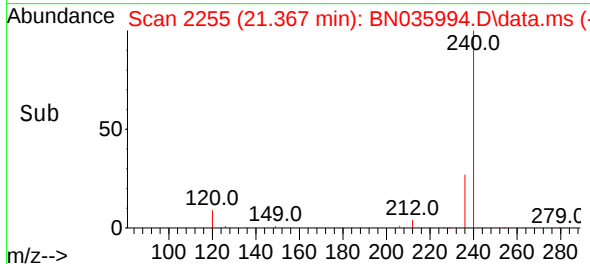
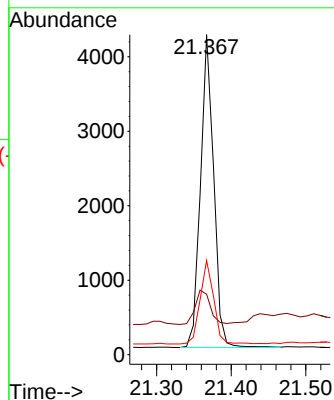
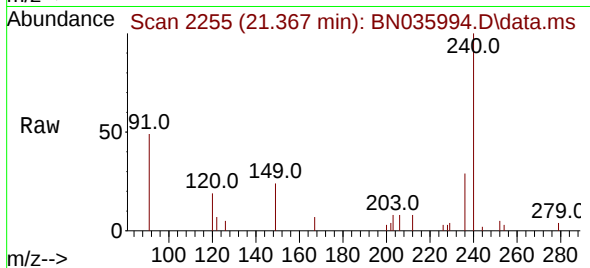




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

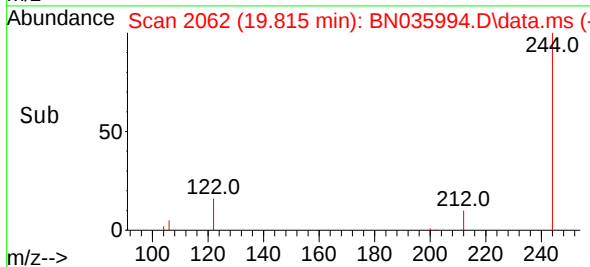
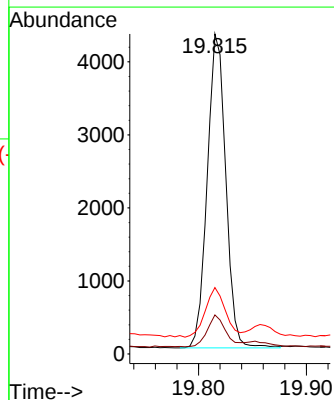
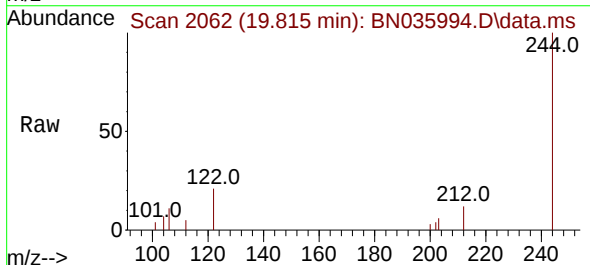
Instrument :
BNA_N
ClientSampleId :
TOWER-2

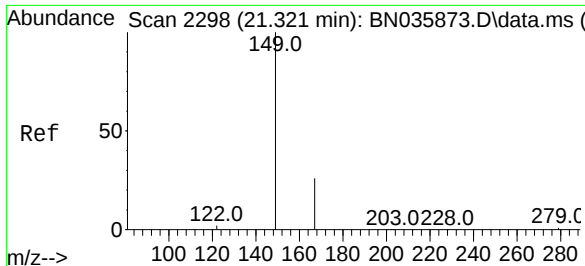
Tgt Ion:240 Resp: 5182
Ion Ratio Lower Upper
240 100
120 18.9 11.1 16.7#
236 29.4 24.6 36.8



#31
Terphenyl-d14
Concen: 0.497 ng
RT: 19.815 min Scan# 2062
Delta R.T. -0.022 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

Tgt Ion:244 Resp: 5127
Ion Ratio Lower Upper
244 100
212 12.2 10.1 15.1
122 20.8 12.2 18.4#

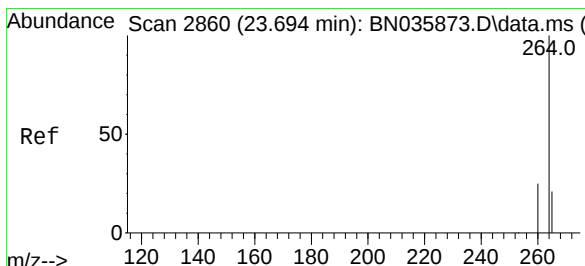
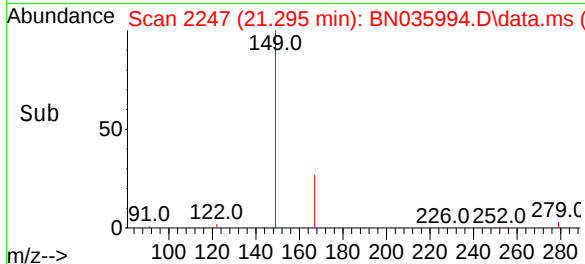
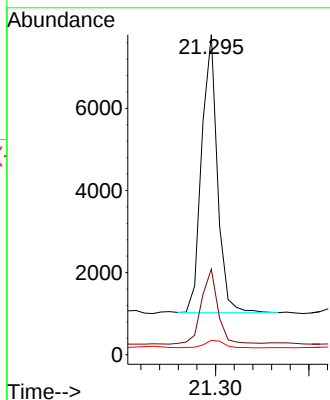
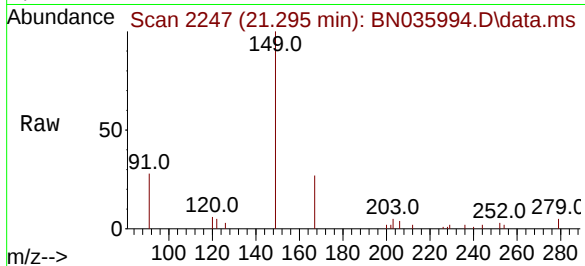




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.067 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BN035994.D
 Acq: 20 Jan 2025 12:15

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

Tgt Ion:149 Resp: 7934
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.4 32.0
 279 3.4 3.0 4.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.666 min Scan# 2802
 Delta R.T. -0.028 min
 Lab File: BN035994.D
 Acq: 20 Jan 2025 12:15

Tgt Ion:264 Resp: 5466
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.7 32.5
 265 60.0 33.9 50.9#

