

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
 Data File : BN036889.D
 Acq On : 11 Apr 2025 21:46
 Operator : RC/JU
 Sample : Q1773-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-190D2-GW-20250407

Quant Time: Apr 11 23:07:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 11 16:11:08 2025
 Response via : Initial Calibration

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

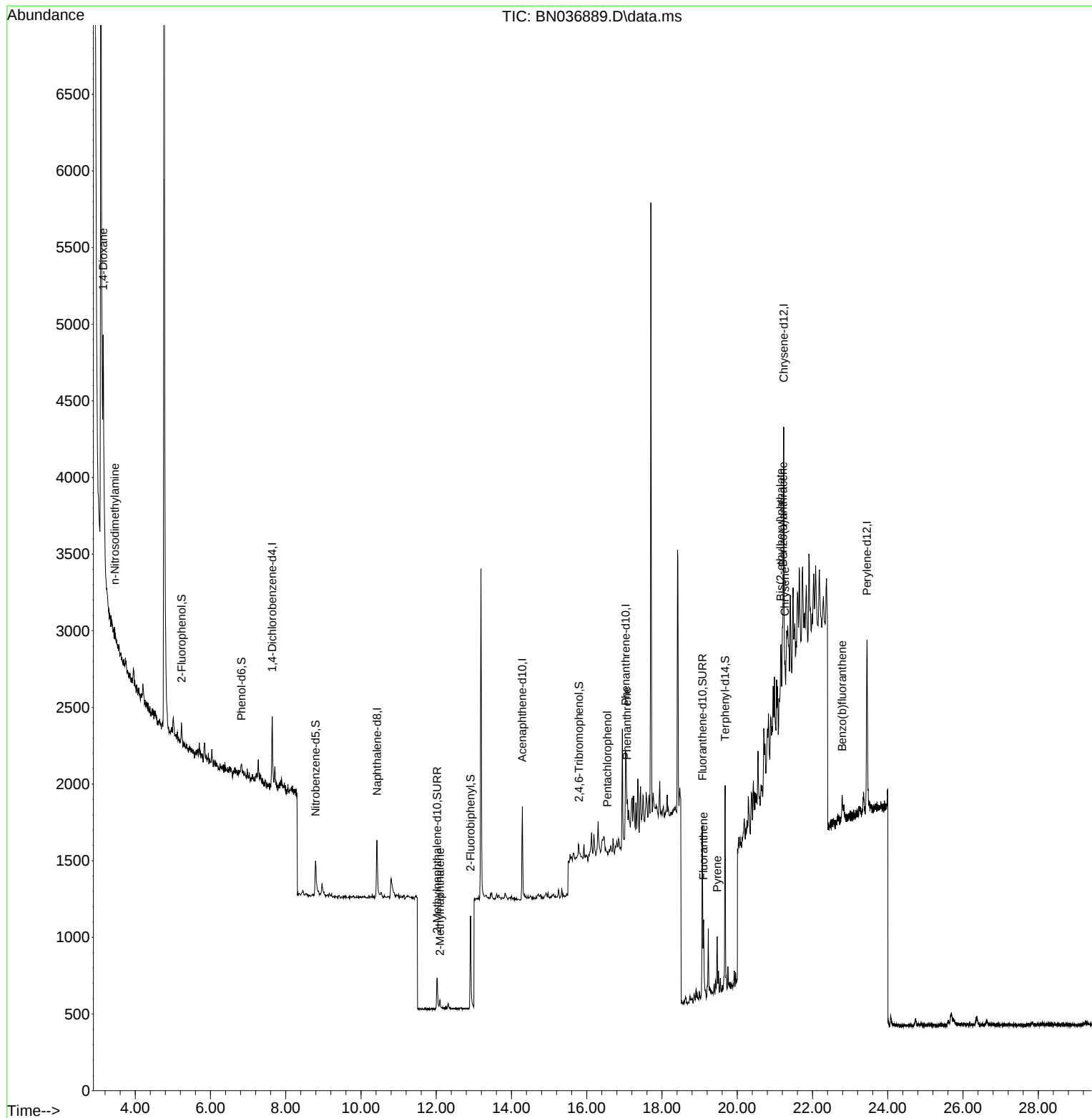
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	223	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	582	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	355	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	872	0.400	ng	0.00
29) Chrysene-d12	21.233	240	1197	0.400	ng	# 0.00
35) Perylene-d12	23.447	264	1560	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	95	0.181	ng	0.00
5) Phenol-d6	6.824	99	80	0.119	ng	0.00
8) Nitrobenzene-d5	8.792	82	260	0.402	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	346	0.409	ng	0.00
14) 2,4,6-Tribromophenol	15.792	330	58	0.339	ng	0.01
15) 2-Fluorobiphenyl	12.909	172	734	0.431	ng	0.00
27) Fluoranthene-d10	19.073	212	1256	0.511	ng	0.00
31) Terphenyl-d14	19.677	244	1304	0.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	633	2.448	ng	# 81
3) n-Nitrosodimethylamine	3.458	42	19	0.033	ng	# 35
12) 2-Methylnaphthalene	12.097	142	41	0.038	ng	# 72
24) Pentachlorophenol	16.549	266	7	0.022	ng	94
25) Phenanthrene	17.071	178	88	0.034	ng	# 67
28) Fluoranthene	19.100	202	321	0.098	ng	# 47
30) Pyrene	19.467	202	380	0.084	ng	99
32) Benzo(a)anthracene	21.215	228	149	0.035	ng	# 40
33) Chrysene	21.269	228	124	0.027	ng	# 40
34) Bis(2-ethylhexyl)phtha...	21.153	149	411	0.131	ng	# 96
37) Benzo(b)fluoranthene	22.787	252	144	0.026	ng	# 1

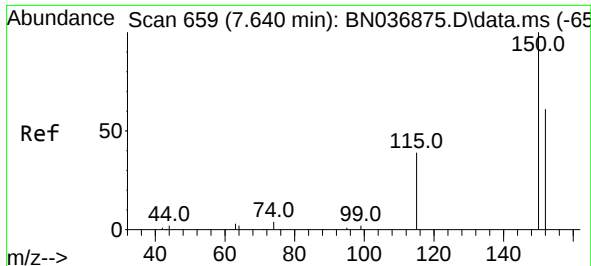
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
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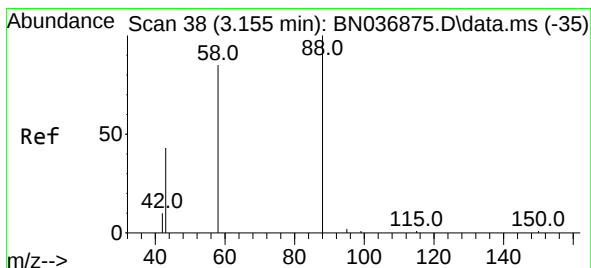
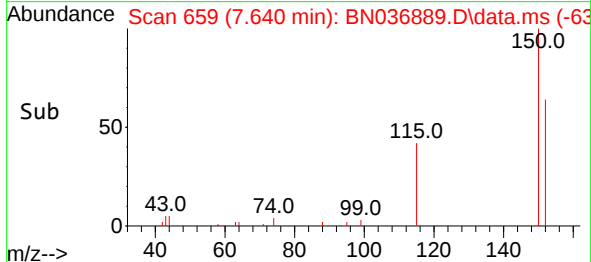
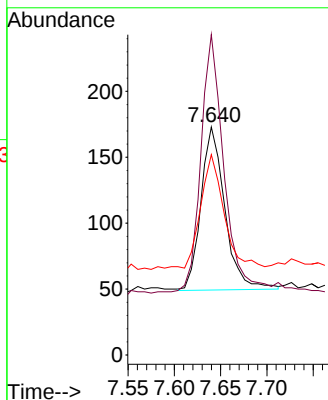
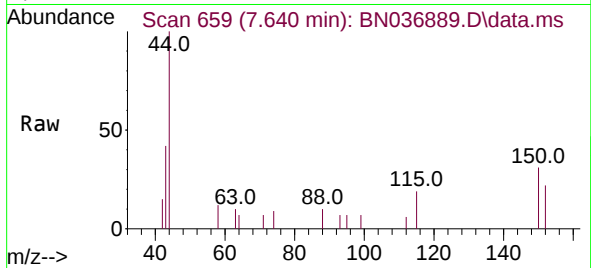




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.640 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

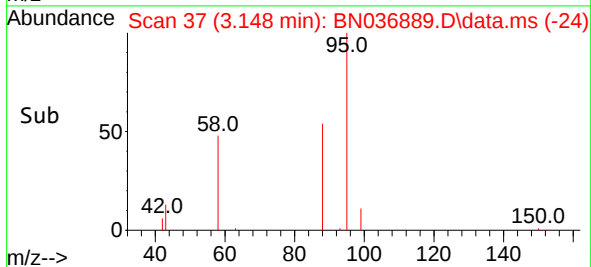
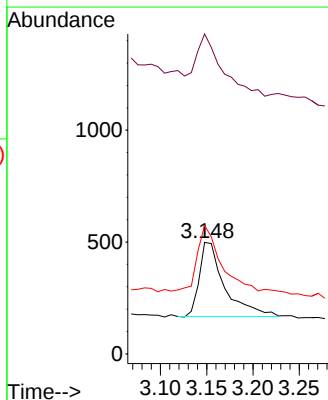
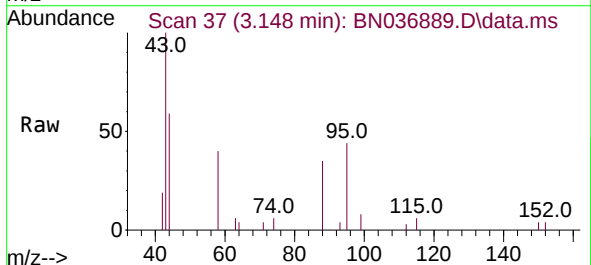
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-190D2-GW-20250407

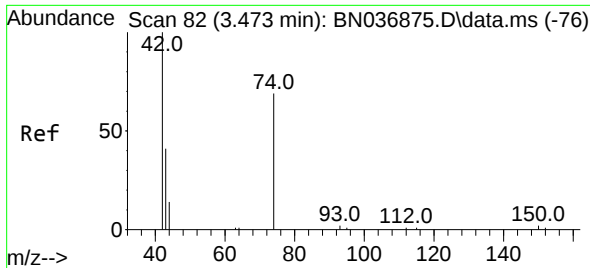
Tgt Ion:152 Resp: 223
 Ion Ratio Lower Upper
 152 100
 150 140.5 123.0 184.6
 115 87.9 60.1 90.1



#2
 1,4-Dioxane
 Concen: 2.448 ng
 RT: 3.148 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

Tgt Ion: 88 Resp: 633
 Ion Ratio Lower Upper
 88 100
 43 81.2 39.2 58.8#
 58 80.4 63.5 95.3

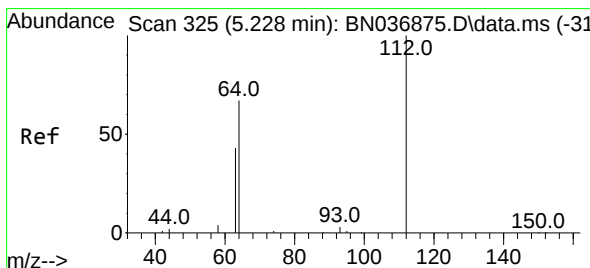
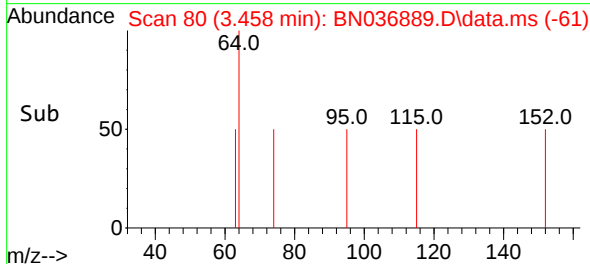
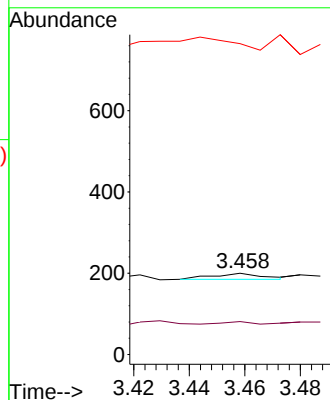
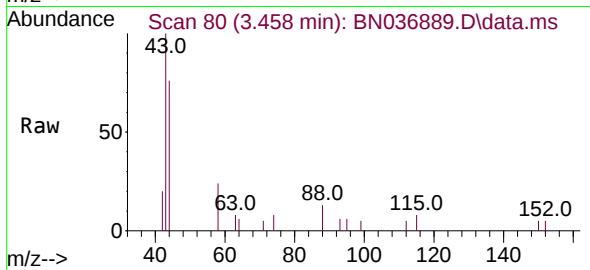




#3
 n-Nitrosodimethylamine
 Concen: 0.033 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

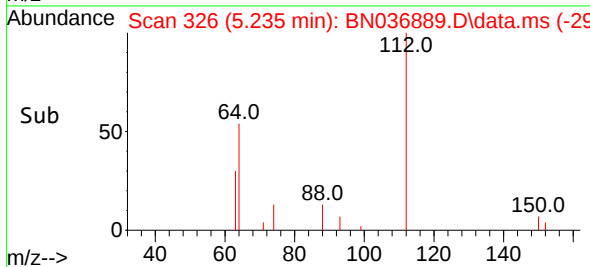
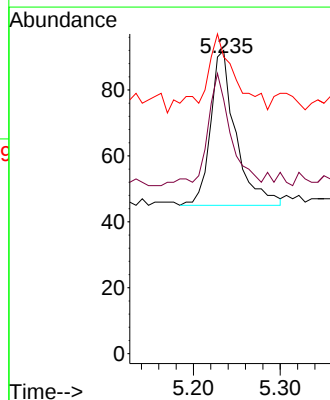
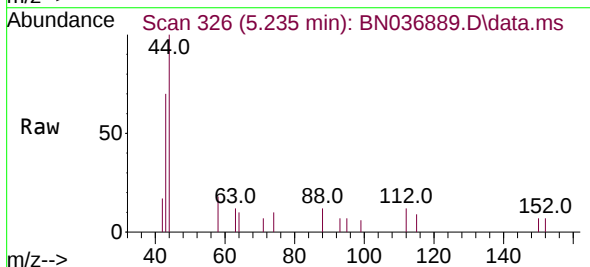
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-190D2-GW-20250407

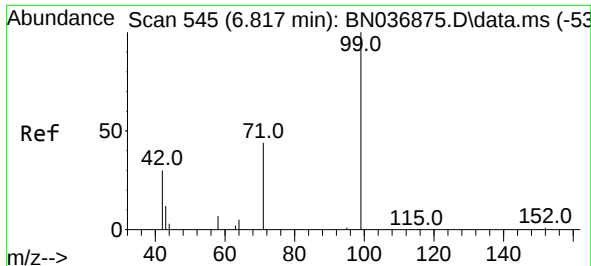
Tgt Ion: 42 Resp: 19
 Ion Ratio Lower Upper
 42 100
 74 15.8 54.6 81.8#
 44 310.5 0.0 0.0#



#4
 2-Fluorophenol
 Concen: 0.181 ng
 RT: 5.235 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

Tgt Ion: 112 Resp: 95
 Ion Ratio Lower Upper
 112 100
 64 66.3 54.0 81.0
 63 61.1 35.1 52.7#

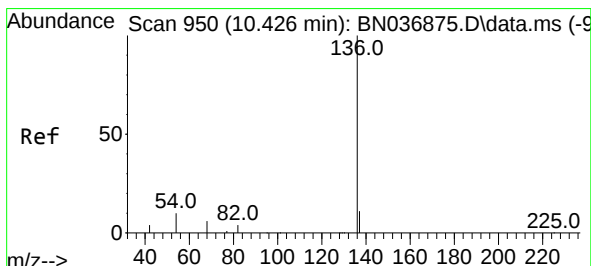
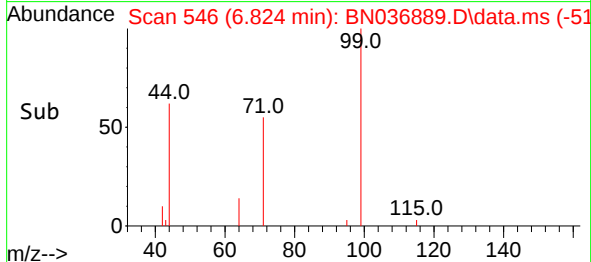
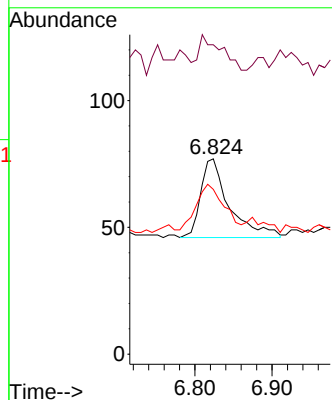
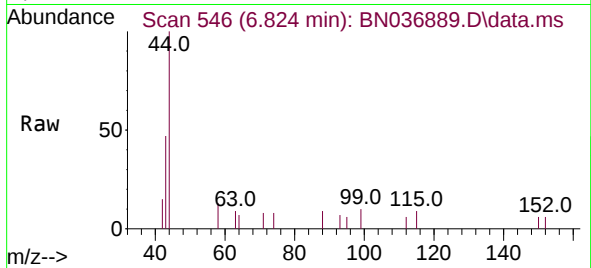




#5
Phenol-d6
Concen: 0.119 ng
RT: 6.824 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

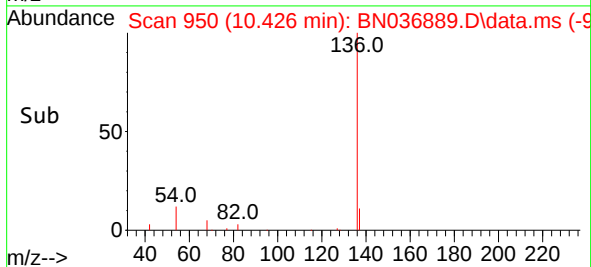
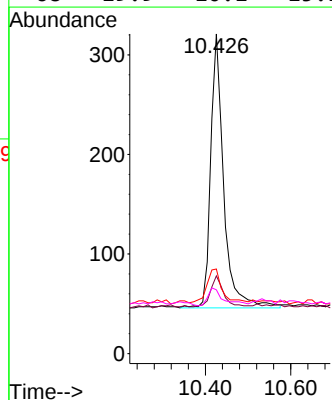
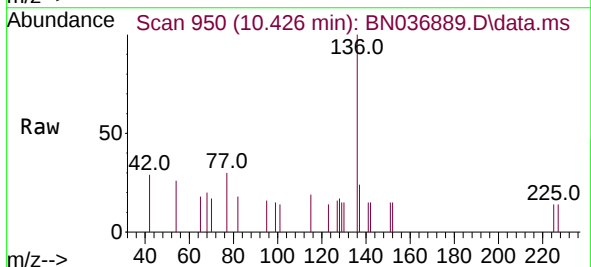
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

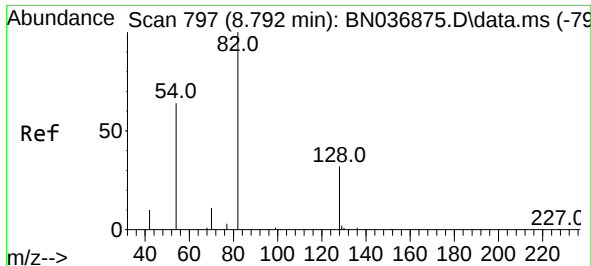
Tgt Ion: 99 Resp: 80
Ion Ratio Lower Upper
99 100
42 38.8 30.9 46.3
71 55.0 38.6 58.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 950
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

Tgt Ion: 136 Resp: 582
Ion Ratio Lower Upper
136 100
137 24.3 13.5 20.3#
54 26.5 12.8 19.2#
68 19.9 10.1 15.1#

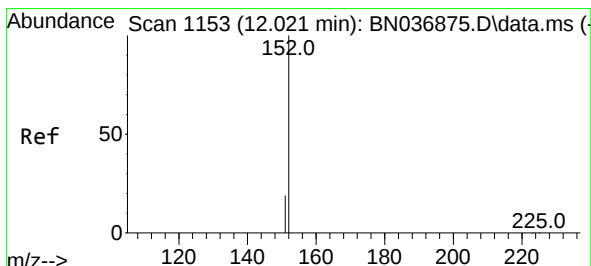
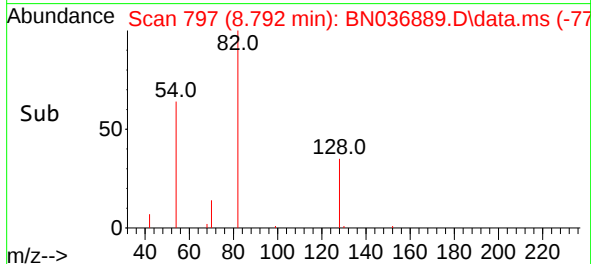
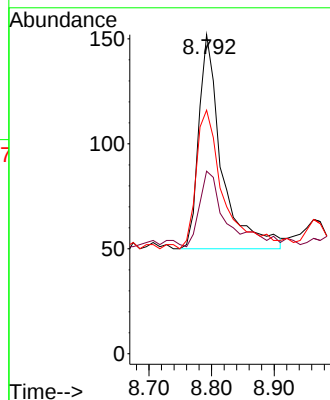
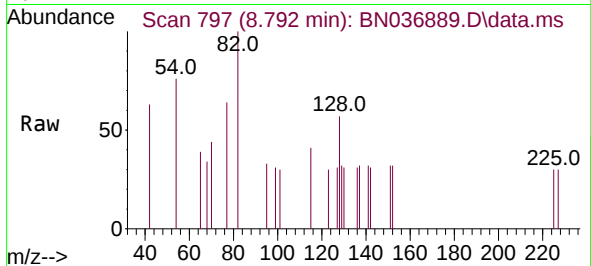




#8
 Nitrobenzene-d5
 Concen: 0.402 ng
 RT: 8.792 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

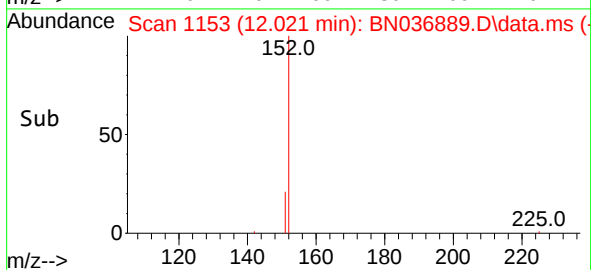
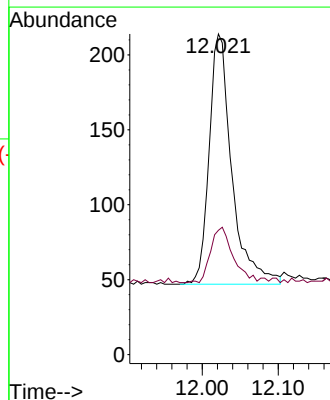
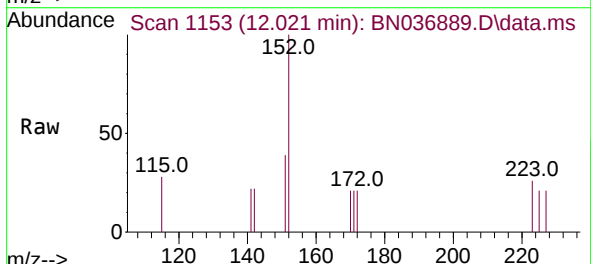
Instrument :
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 ClientSampleId :
 BP-TT-190D2-GW-20250407

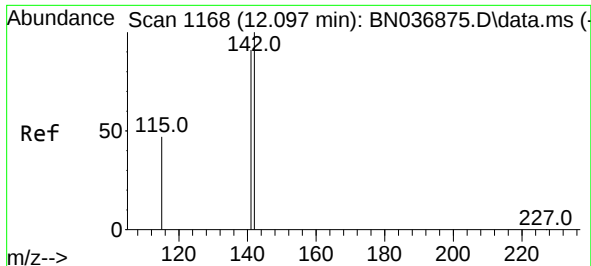
Tgt Ion:	82	Resp:	260
Ion	Ratio	Lower	Upper
82	100		
128	57.2	35.5	53.3
54	76.3	56.2	84.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.409 ng
 RT: 12.021 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

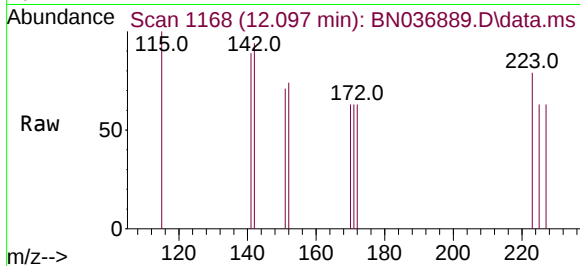
Tgt Ion:	152	Resp:	346
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.8	26.8



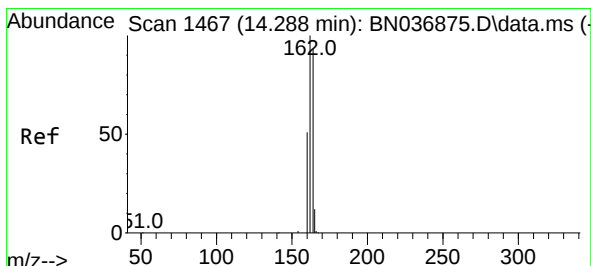
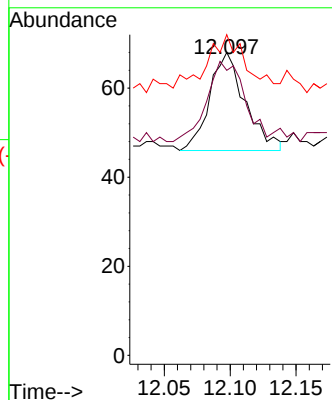
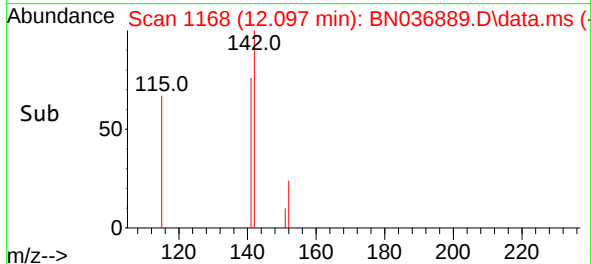


#12
2-Methylnaphthalene
Concen: 0.038 ng
RT: 12.097 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

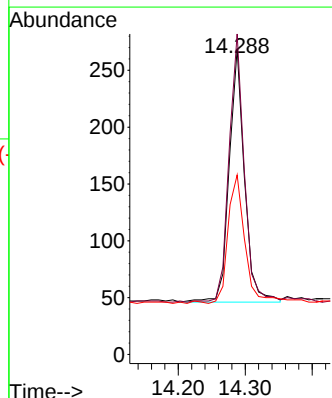
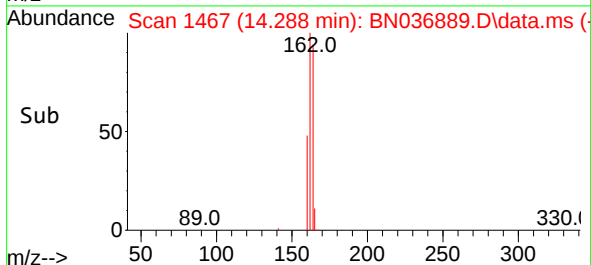
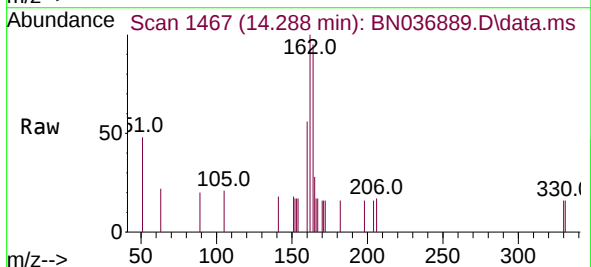


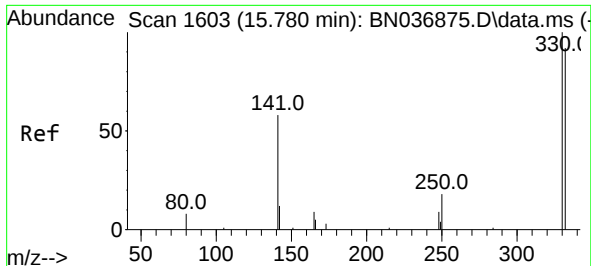
Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
141 94.1 73.8 110.8
115 105.9 43.3 64.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.288 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

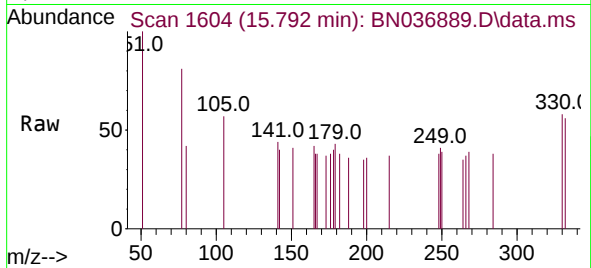
Tgt Ion:164 Resp: 355
Ion Ratio Lower Upper
164 100
162 104.8 85.7 128.5
160 58.7 46.9 70.3



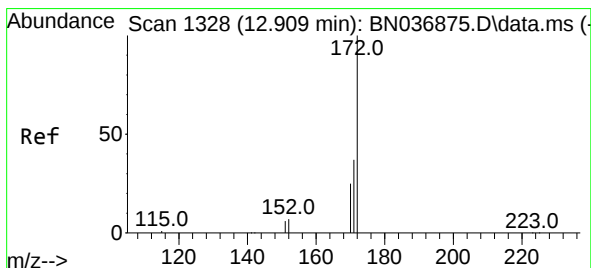
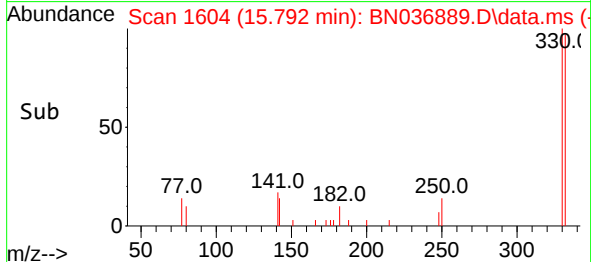
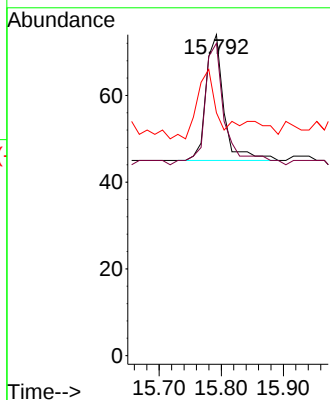


#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.792 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BN036889.D
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Instrument :
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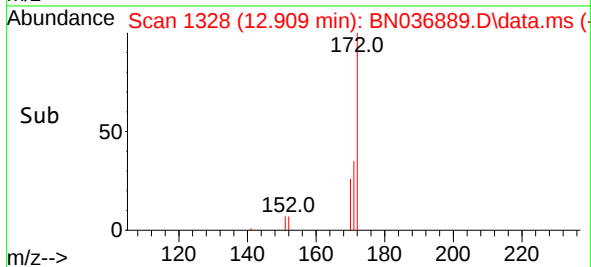
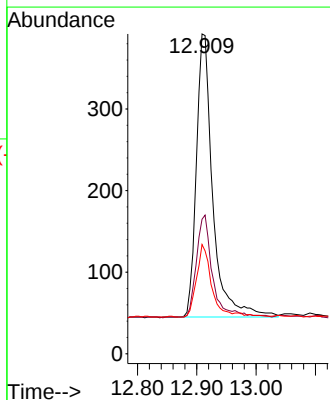
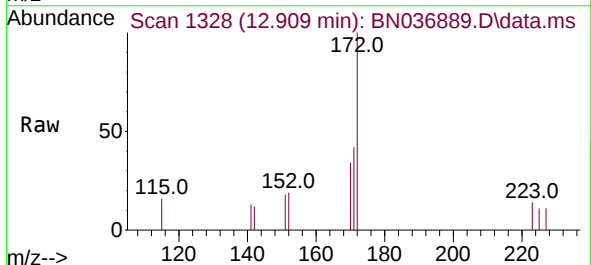


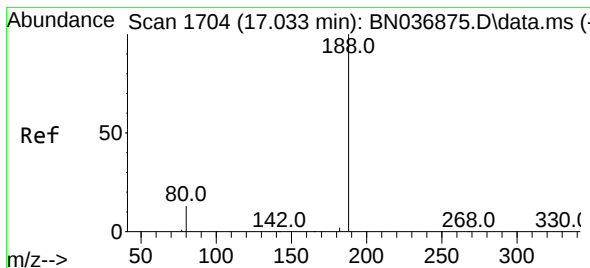
Tgt Ion:330 Resp: 58
Ion Ratio Lower Upper
330 100
332 110.3 87.0 130.6
141 63.8 45.3 67.9



#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.909 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

Tgt Ion:172 Resp: 734
Ion Ratio Lower Upper
172 100
171 42.1 32.7 49.1
170 34.2 23.3 34.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.033 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036889.D

Acq: 11 Apr 2025 21:46

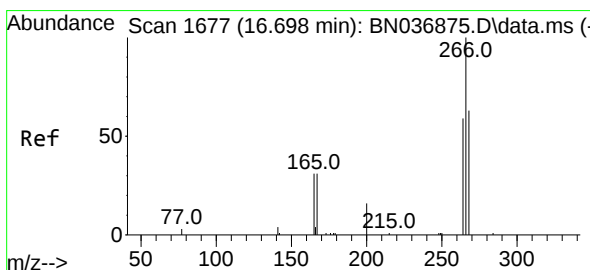
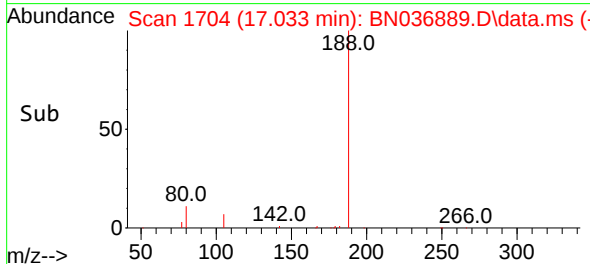
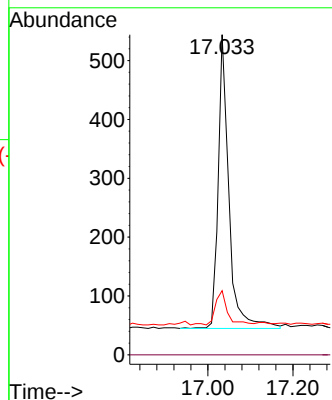
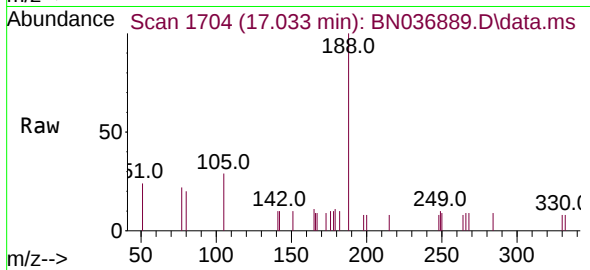
Instrument :

BNA_N

ClientSampleId :

BP-TT-190D2-GW-20250407

Tgt Ion:188	Resp:	872
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	20.0	13.9



#24

Pentachlorophenol

Concen: 0.022 ng

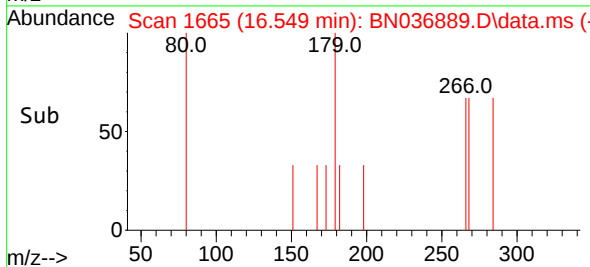
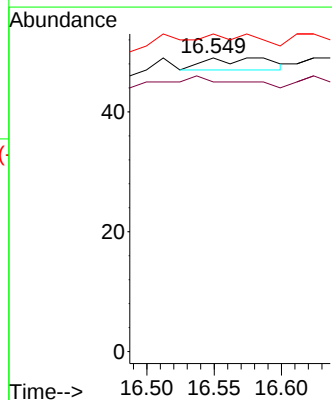
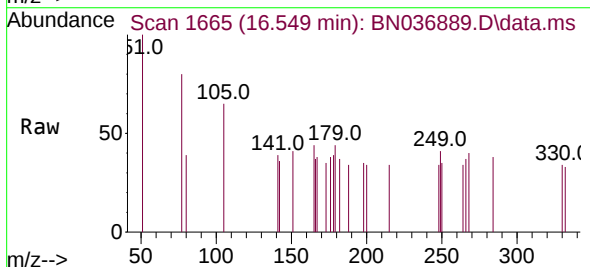
RT: 16.549 min Scan# 1665

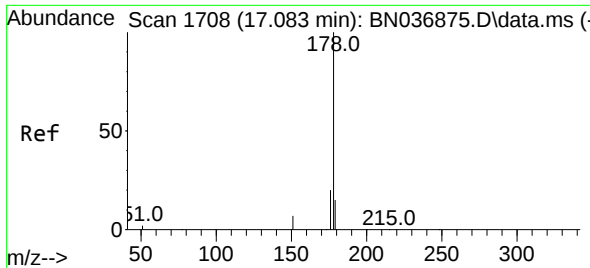
Delta R.T. -0.149 min

Lab File: BN036889.D

Acq: 11 Apr 2025 21:46

Tgt Ion:266	Resp:	7
Ion Ratio	Lower	Upper
266	100	
264	57.1	44.6
268	57.1	51.8

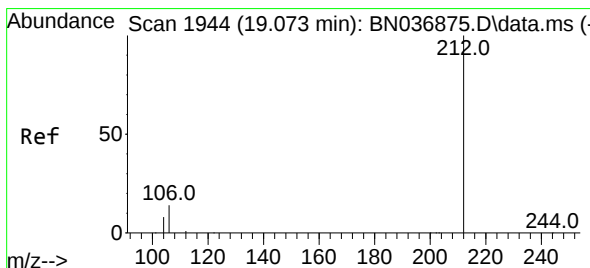
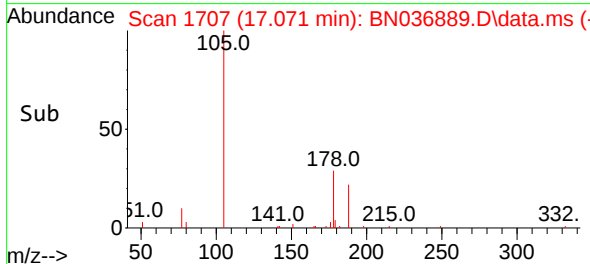
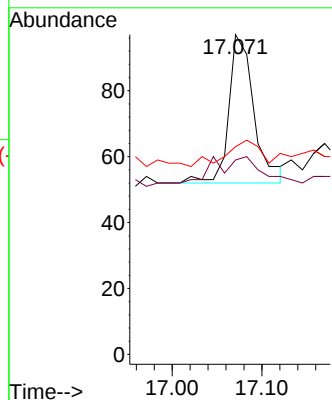
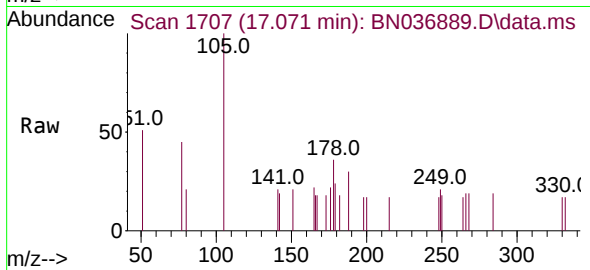




#25
Phenanthrene
Concen: 0.034 ng
RT: 17.071 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

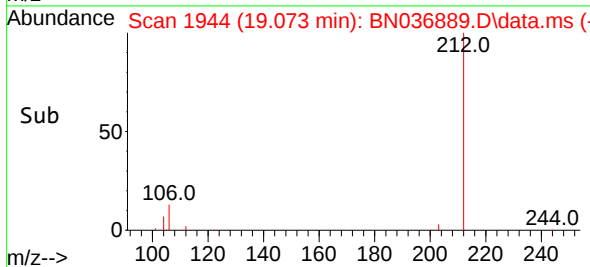
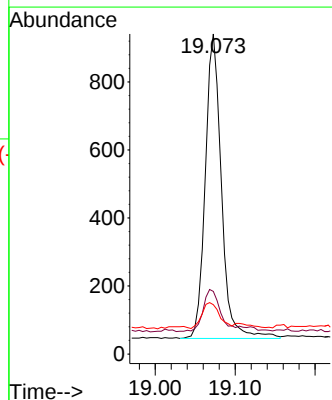
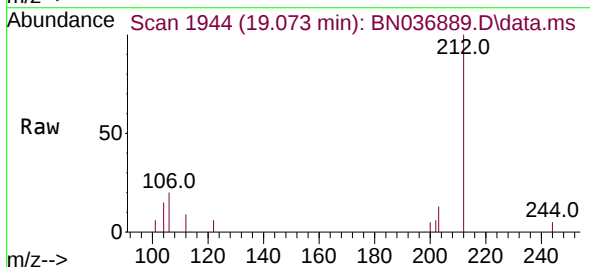
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

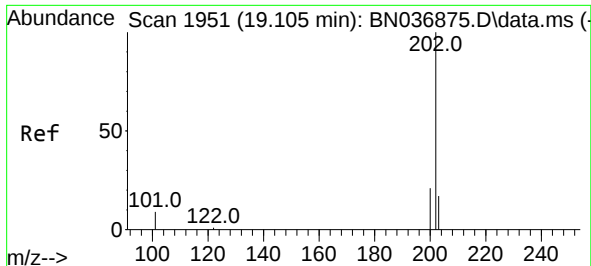
Tgt Ion:178 Resp: 88
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 23.9 12.8 19.2#



#27
Fluoranthene-d10
Concen: 0.511 ng
RT: 19.073 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

Tgt Ion:212 Resp: 1256
Ion Ratio Lower Upper
212 100
106 15.9 11.2 16.8
104 9.2 7.5 11.3

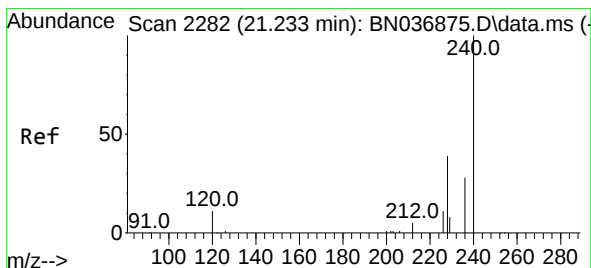
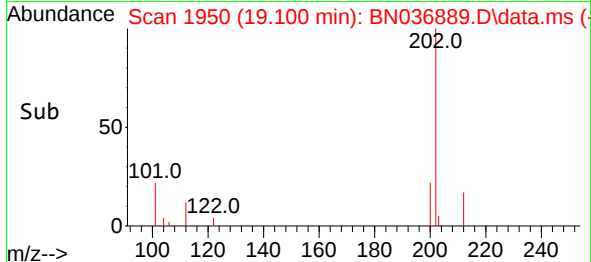
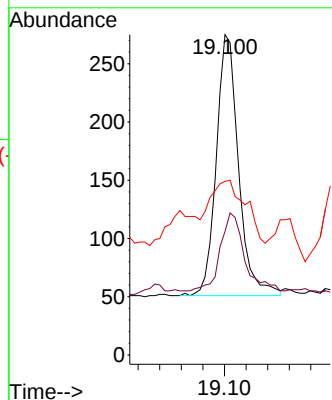
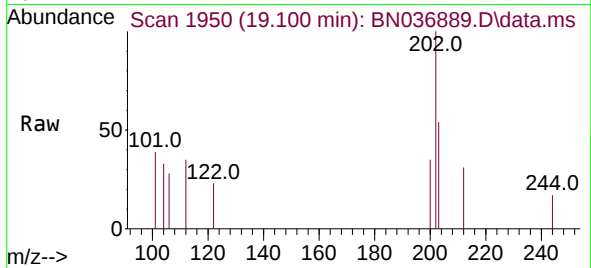




#28
Fluoranthene
Concen: 0.098 ng
RT: 19.100 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

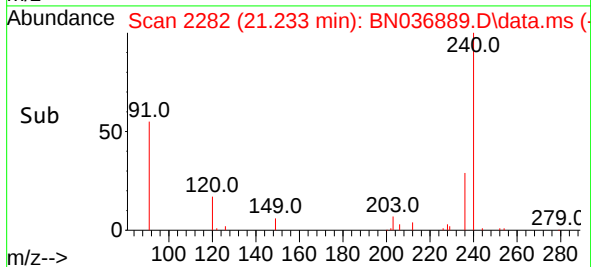
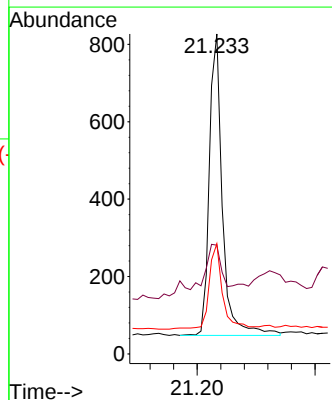
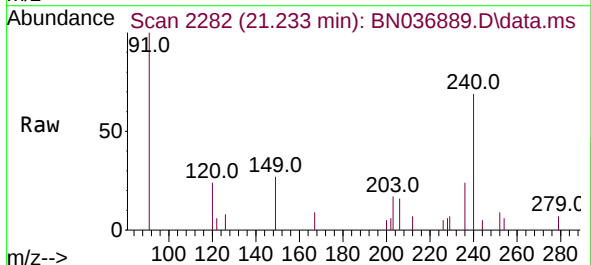
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

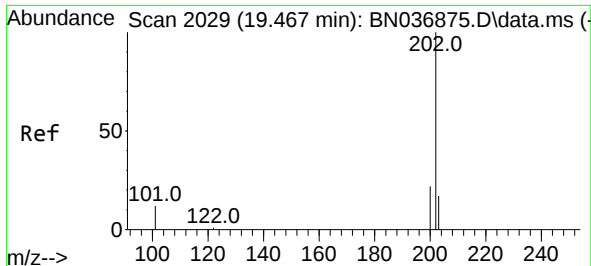
Tgt Ion:202 Resp: 321
Ion Ratio Lower Upper
202 100
101 33.6 8.5 12.7#
203 38.0 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.233 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

Tgt Ion:240 Resp: 1197
Ion Ratio Lower Upper
240 100
120 34.0 15.8 23.6#
236 34.5 25.8 38.8

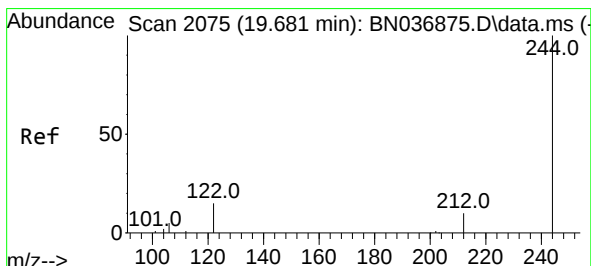
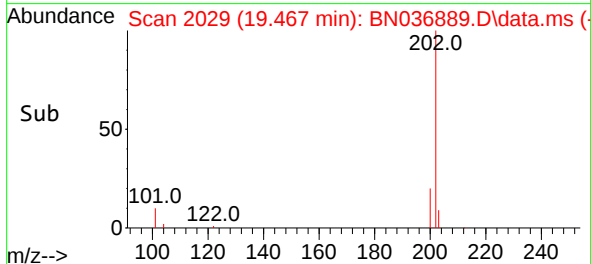
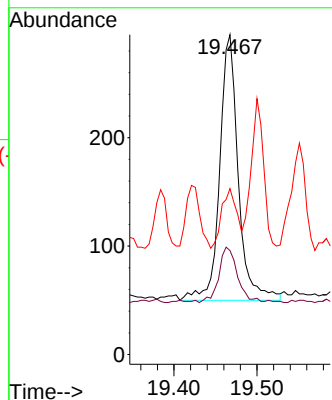
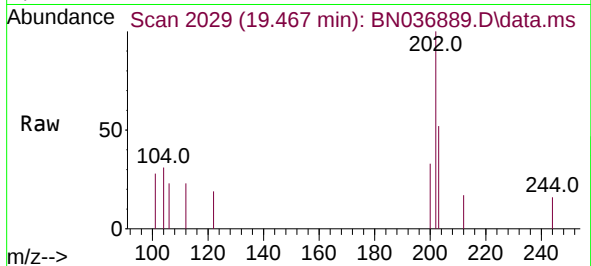




#30
Pyrene
Concen: 0.084 ng
RT: 19.467 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

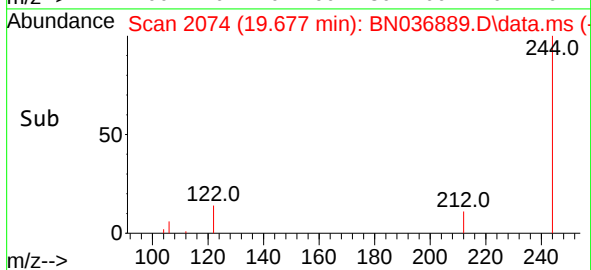
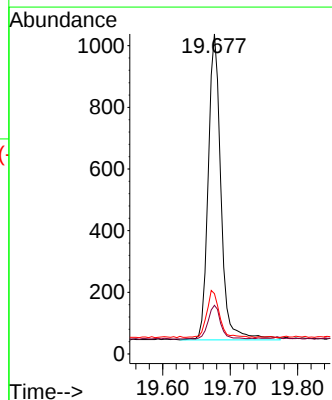
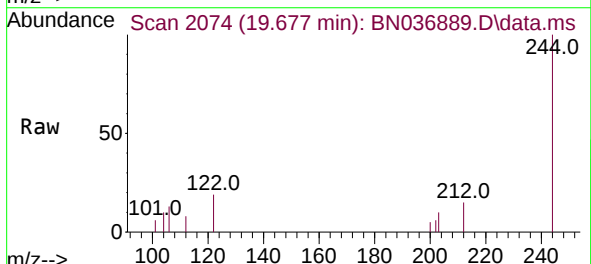
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

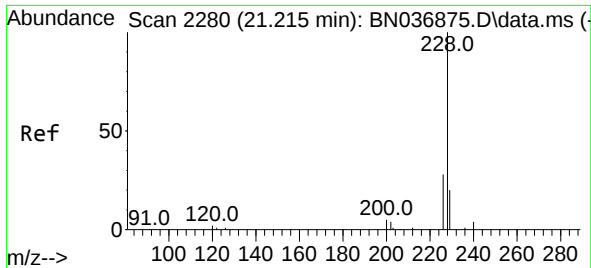
Tgt Ion:202 Resp: 380
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 18.2 14.5 21.7



#31
Terphenyl-d14
Concen: 0.573 ng
RT: 19.677 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

Tgt Ion:244 Resp: 1304
Ion Ratio Lower Upper
244 100
212 15.2 11.6 17.4
122 18.9 14.9 22.3

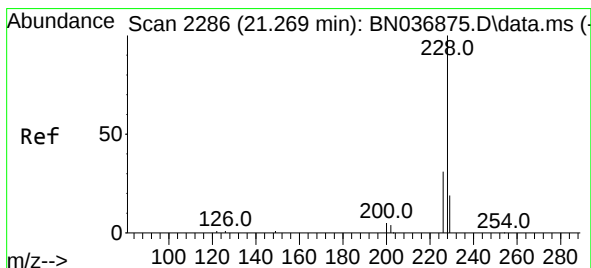
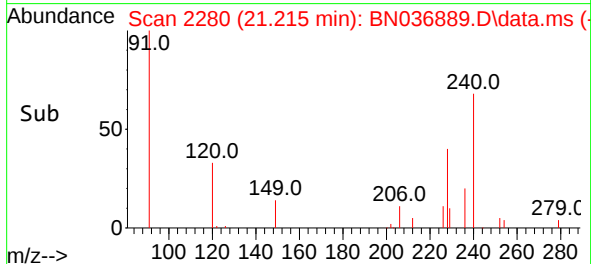
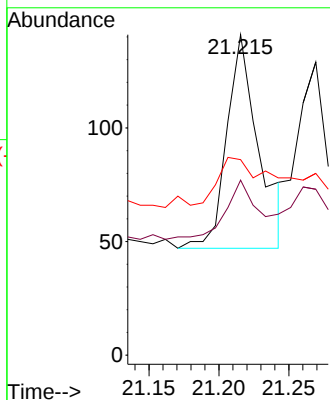
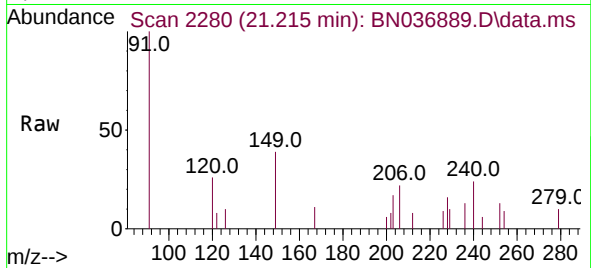




#32
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.215 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

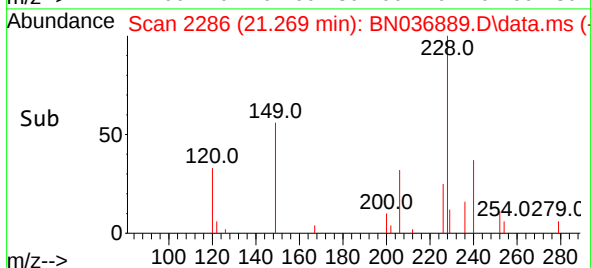
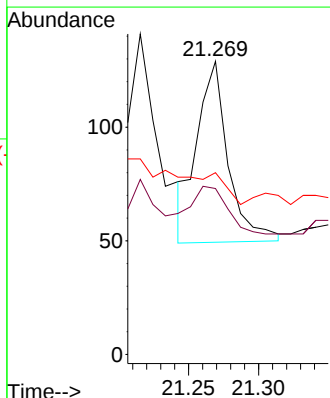
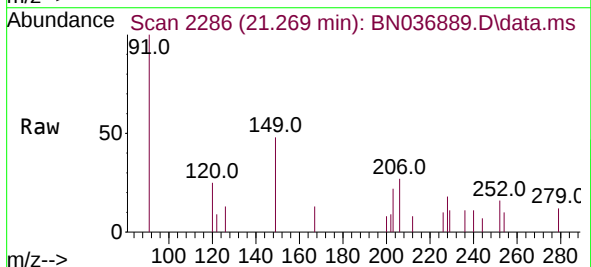
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

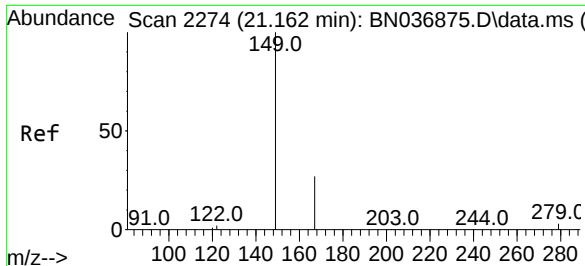
Tgt Ion:228 Resp: 149
Ion Ratio Lower Upper
228 100
226 54.6 24.5 36.7#
229 61.0 17.7 26.5#



#33
Chrysene
Concen: 0.027 ng
RT: 21.269 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

Tgt Ion:228 Resp: 124
Ion Ratio Lower Upper
228 100
226 56.6 26.1 39.1#
229 62.0 17.0 25.4#

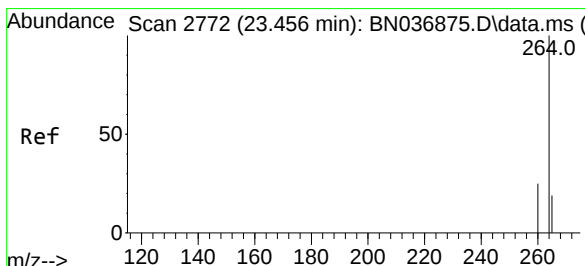
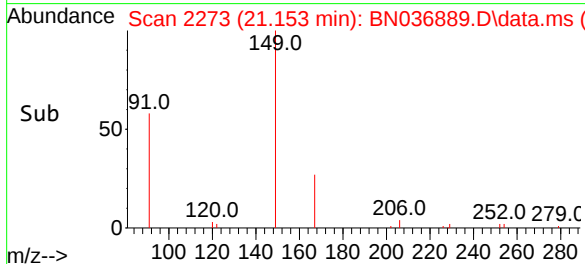
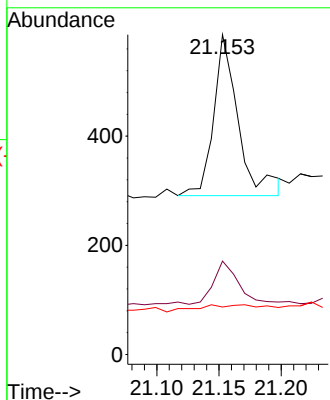
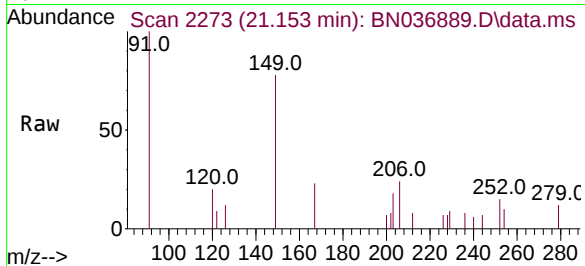




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.131 ng
 RT: 21.153 min Scan# 2116
 Delta R.T. -0.009 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

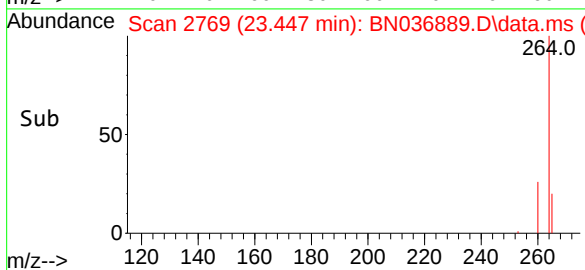
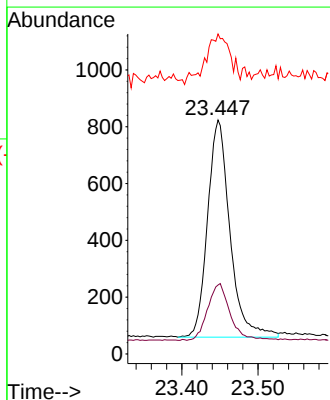
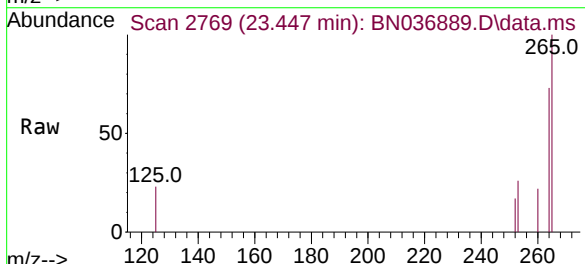
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-190D2-GW-20250407

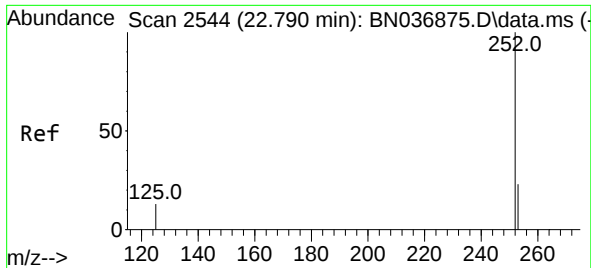
Tgt Ion:	149	Resp:	411
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.0	31.4
279	12.2	3.6	5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.447 min Scan# 2769
 Delta R.T. -0.009 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

Tgt Ion:	264	Resp:	1560
Ion Ratio	Lower	Upper	
264	100		
260	29.5	22.9	34.3
265	136.8	88.6	132.8#





#37

Benzo(b)fluoranthene

Concen: 0.026 ng

RT: 22.787 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN036889.D

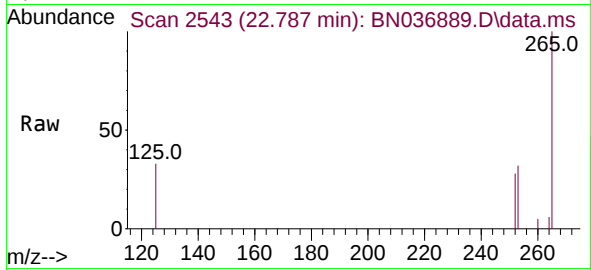
Acq: 11 Apr 2025 21:46

Instrument :

BNA_N

ClientSampleId :

BP-TT-190D2-GW-20250407



Tgt Ion:252 Resp: 144

Ion Ratio Lower Upper

252 100

253 113.6 27.0 40.6#

125 115.8 17.7 26.5#

