

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)

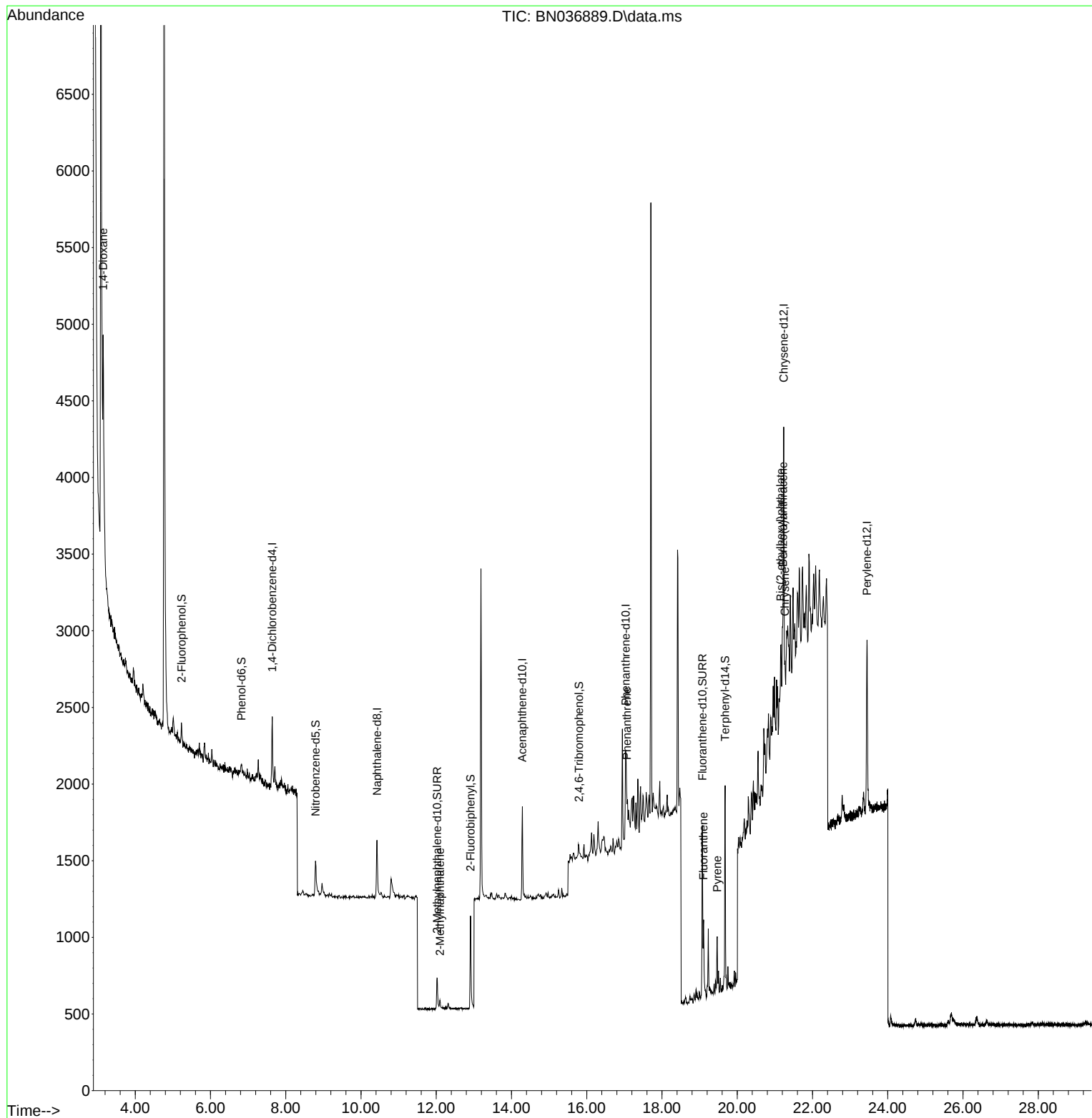
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	223	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	582	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	355	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	872	0.400	ng	0.00
29) Chrysene-d12	21.233	240	1197	0.400	ng	# 0.00
35) Perylene-d12	23.447	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
12) 2-Methylnaphthalene	12.097	142	41	0.038	ng	# 72
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

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

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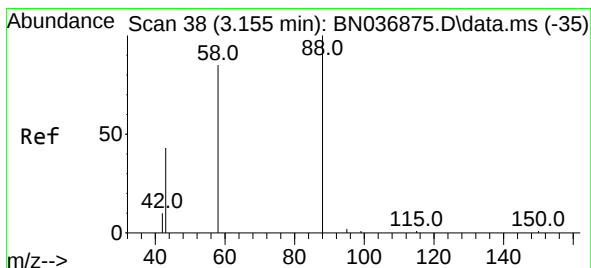
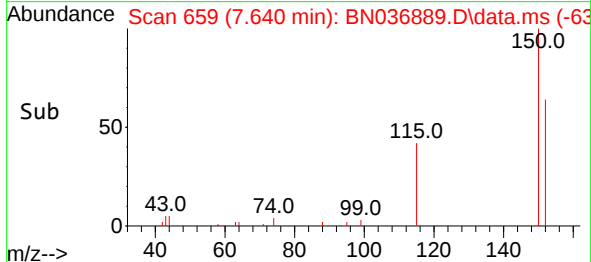
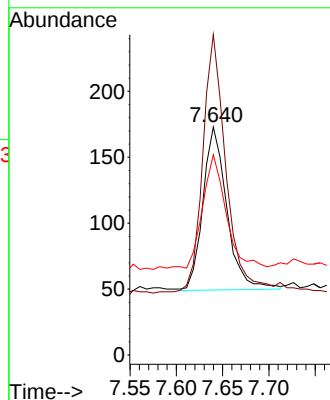
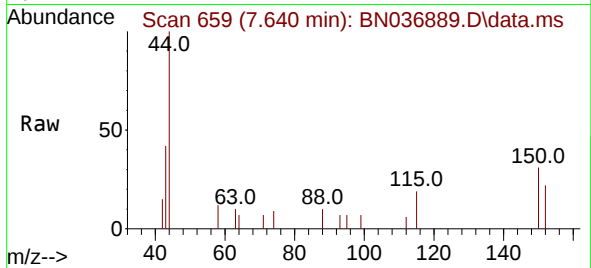




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.640 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

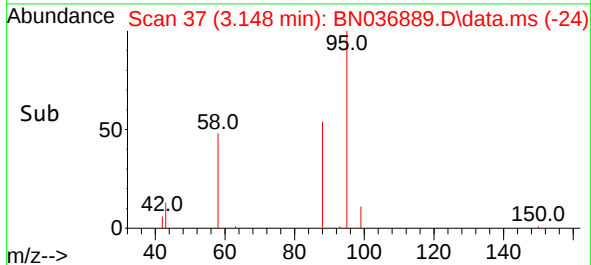
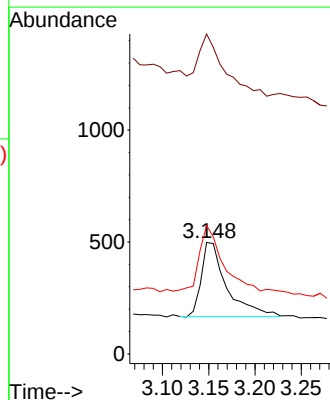
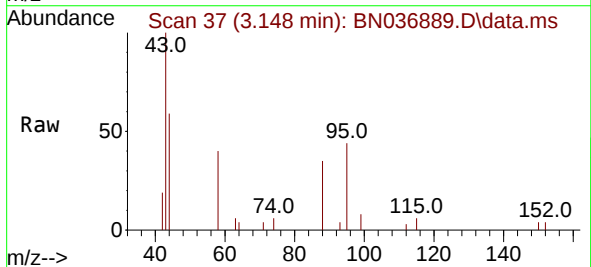
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-190D2-GW-20250407

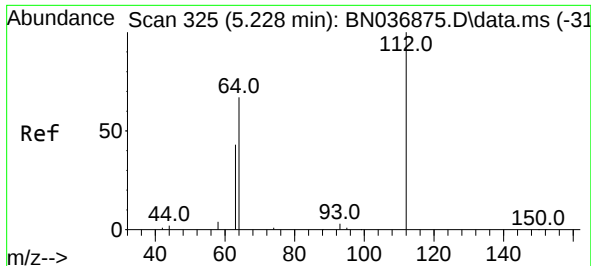
Tgt Ion:152 Resp: 223
 Ion Ratio Lower Upper
 152 100
 150 140.5 123.0 184.6
 115 87.9 60.1 90.1



#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

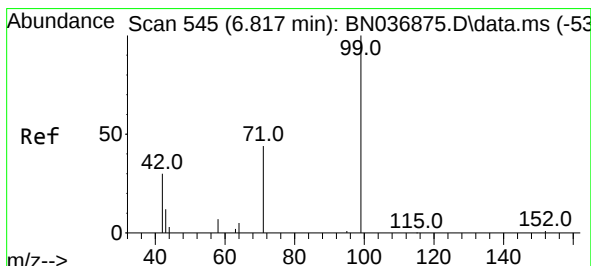
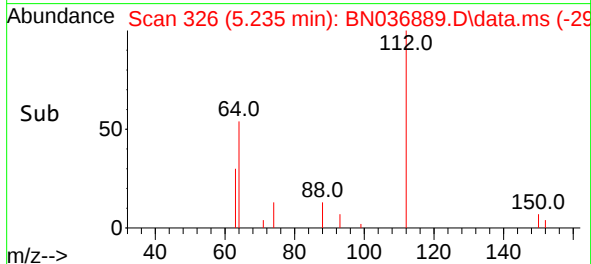
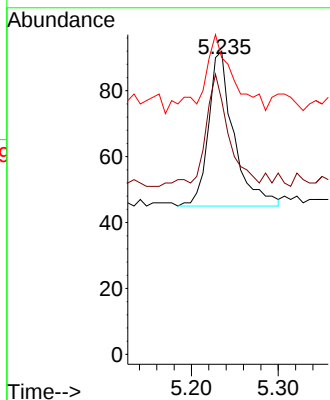
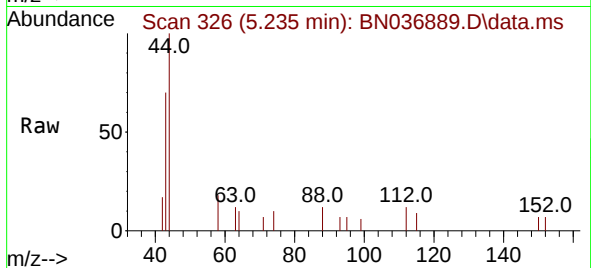




#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.235 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

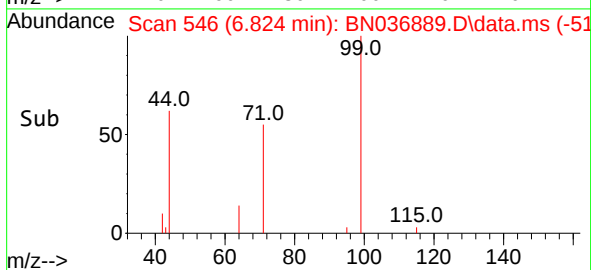
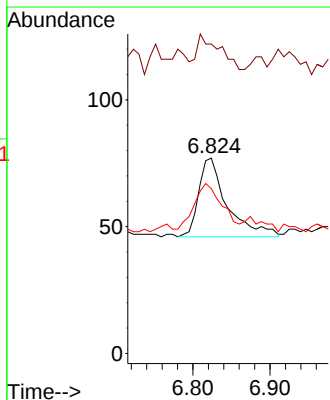
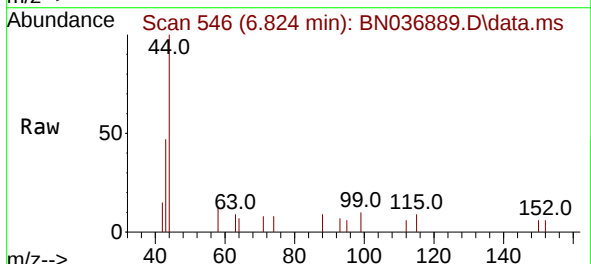
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

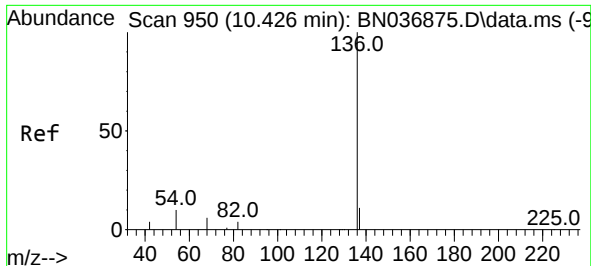
Tgt Ion:112 Resp: 95
Ion Ratio Lower Upper
112 100
64 66.3 54.0 81.0
63 61.1 35.1 52.7#



#5
Phenol-d6
Concen: 0.119 ng
RT: 6.824 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

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

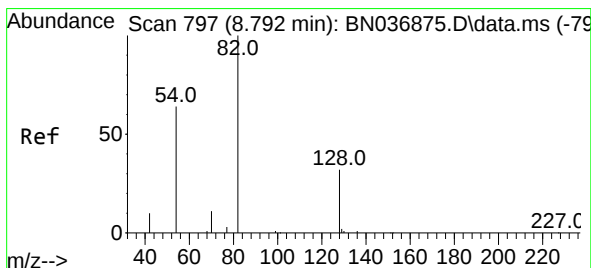
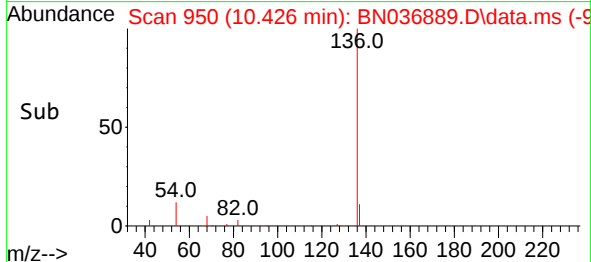
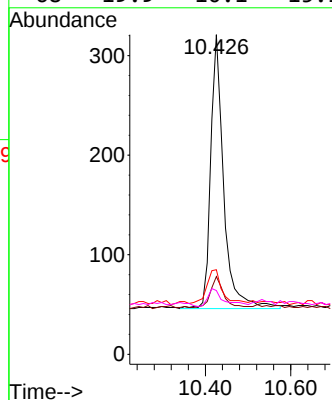
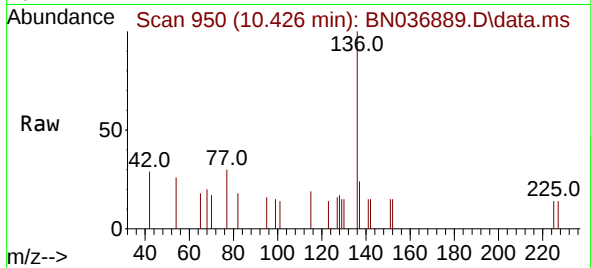




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

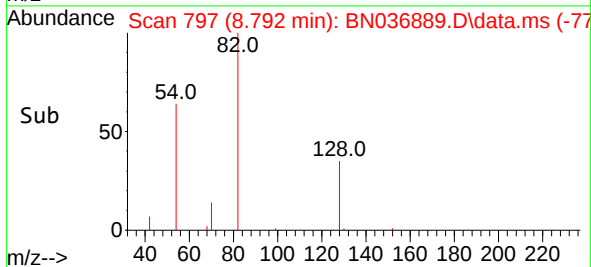
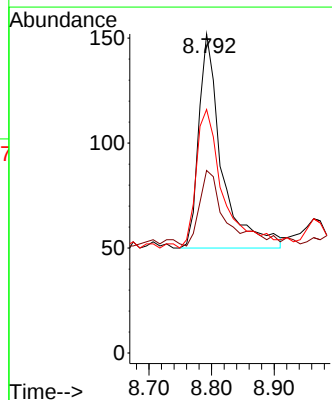
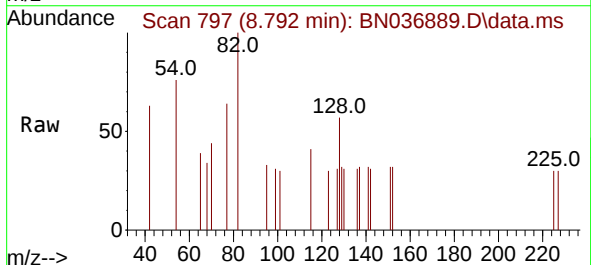
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

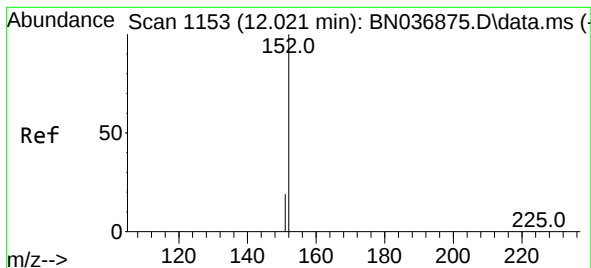
Tgt Ion:	136	Resp:	582
Ion	Ratio	Lower	Upper
136	100		
137	24.3	13.5	20.3#
54	26.5	12.8	19.2#
68	19.9	10.1	15.1#



#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

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

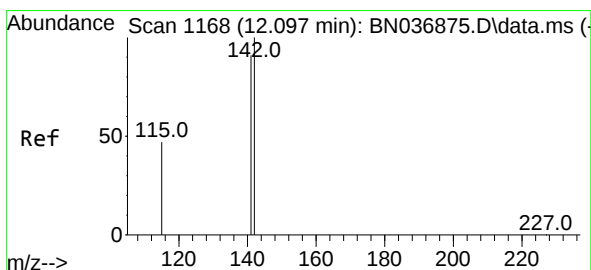
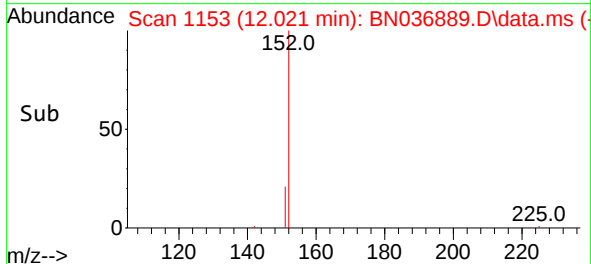
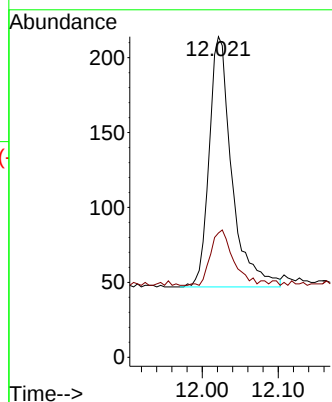
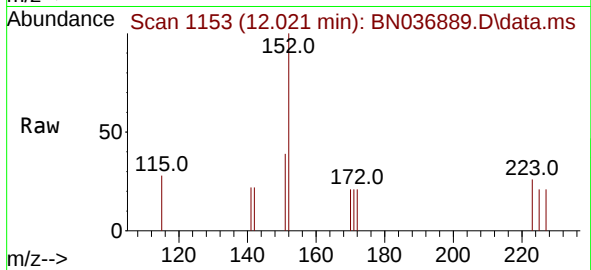




#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.021 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

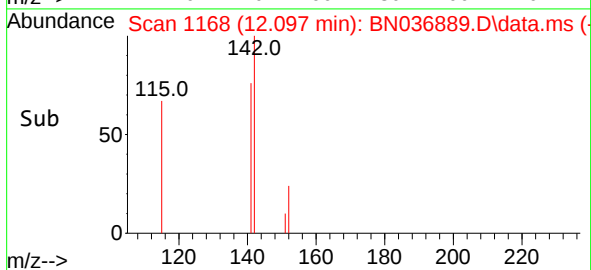
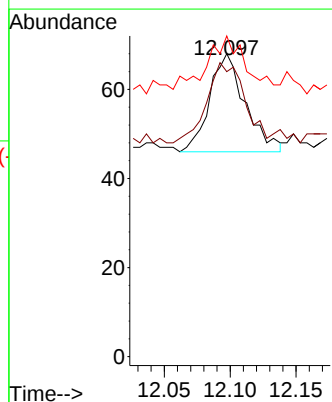
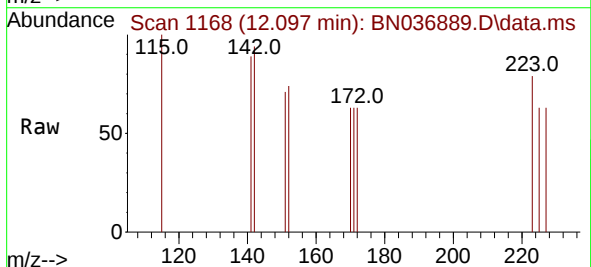
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

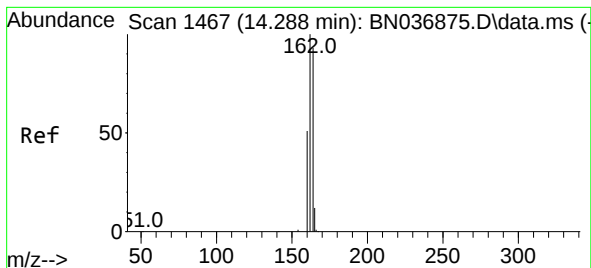
Tgt Ion:152 Resp: 346
Ion Ratio Lower Upper
152 100
151 22.3 17.8 26.8



#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

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# 14

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

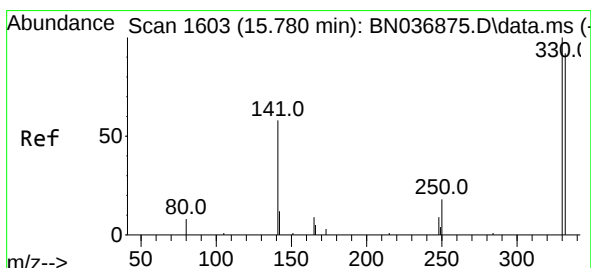
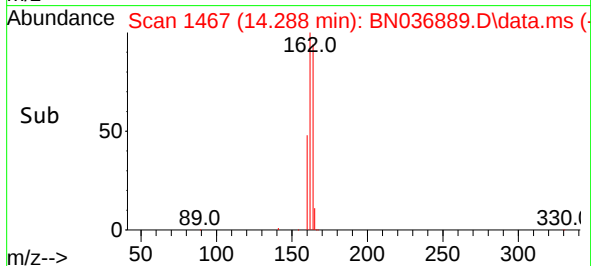
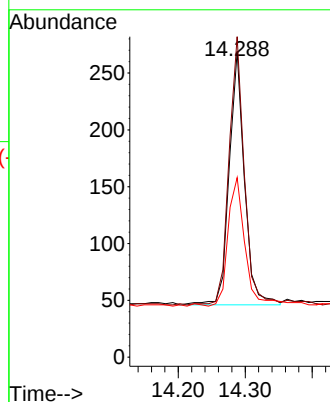
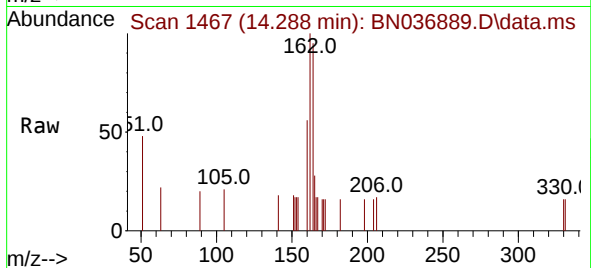
Tgt Ion:164 Resp: 355

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

Acq: 11 Apr 2025 21:46

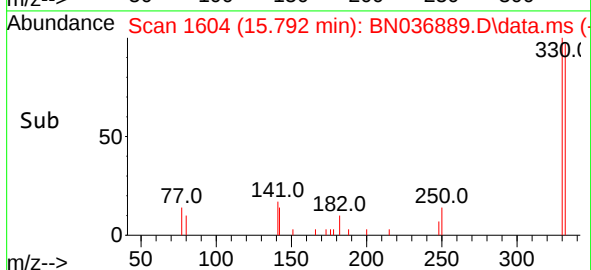
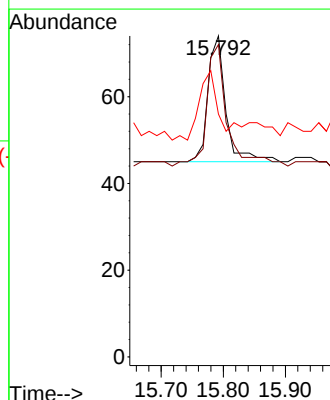
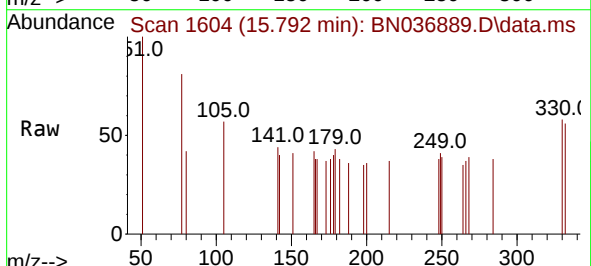
Tgt Ion:330 Resp: 58

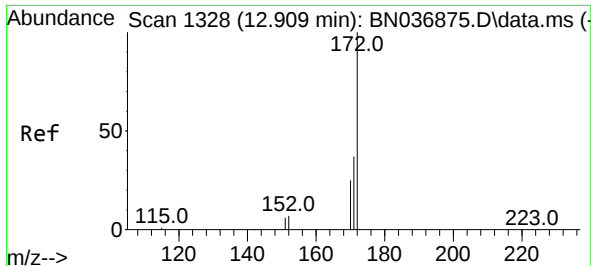
Ion Ratio Lower Upper

330 100

332 110.3 87.0 130.6

141 63.8 45.3 67.9

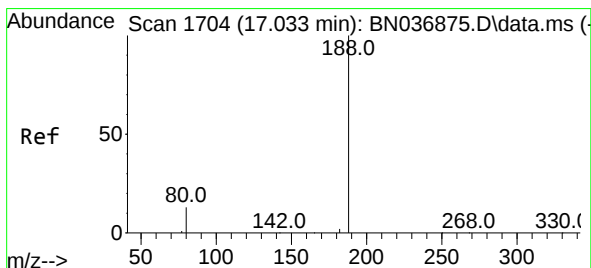
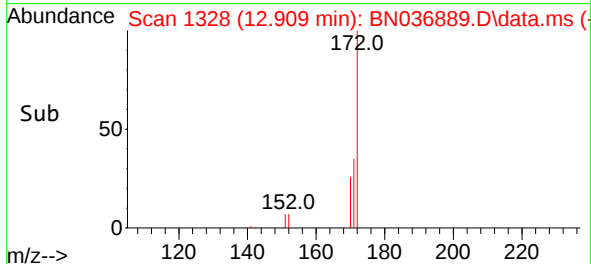
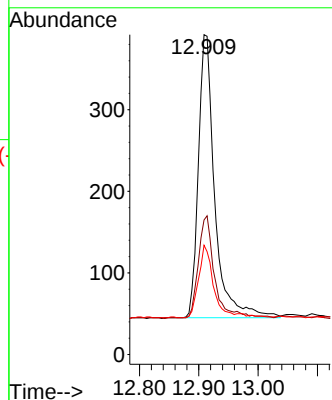
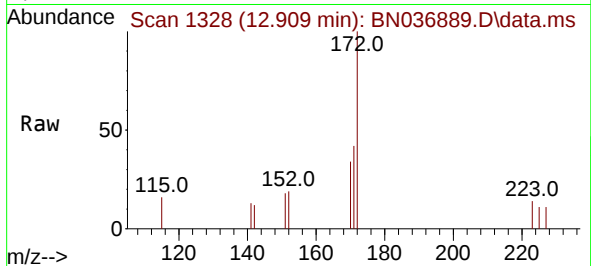




#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.909 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

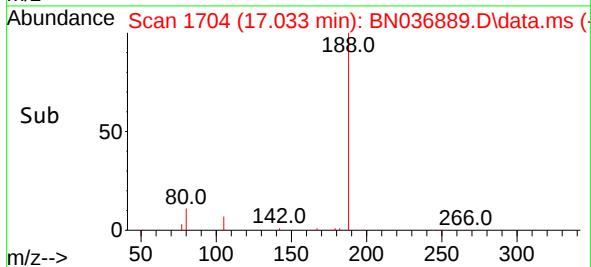
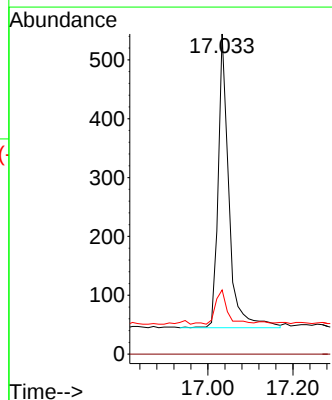
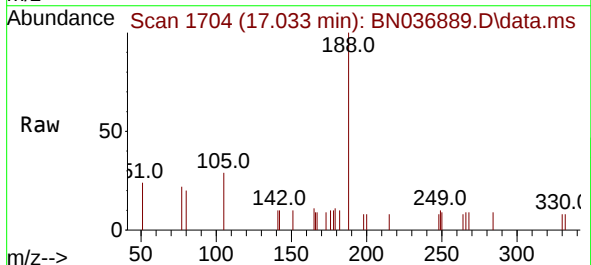
Instrument :
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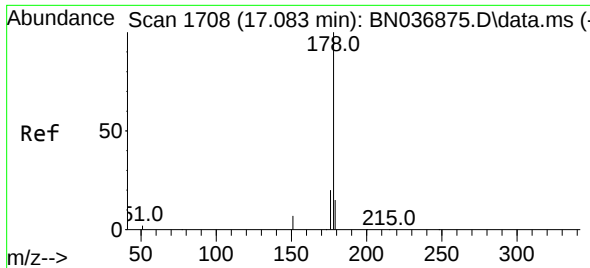
Tgt Ion:172	Resp:	734
Ion	Ratio	Lower Upper
172	100	
171	42.1	32.7 49.1
170	34.2	23.3 34.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.033 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

Tgt Ion:188	Resp:	872
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	20.0	13.9 20.9

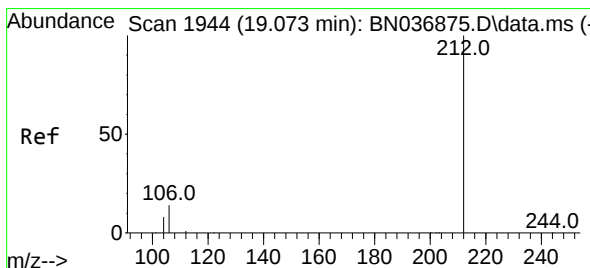
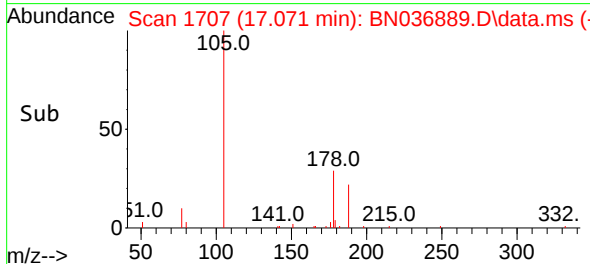
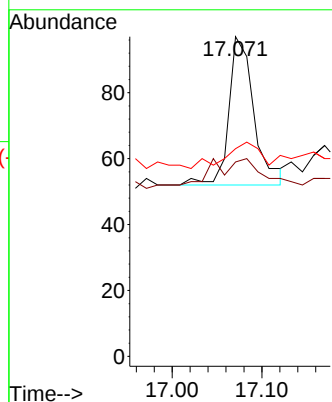
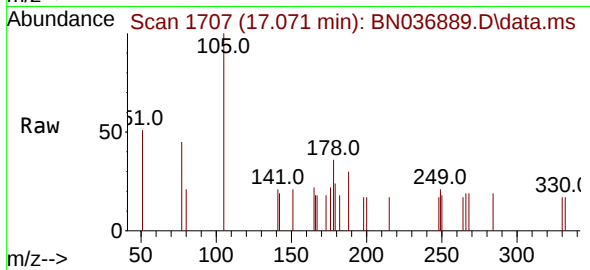




#25
Phenanthrene
Concen: 0.034 ng
RT: 17.071 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

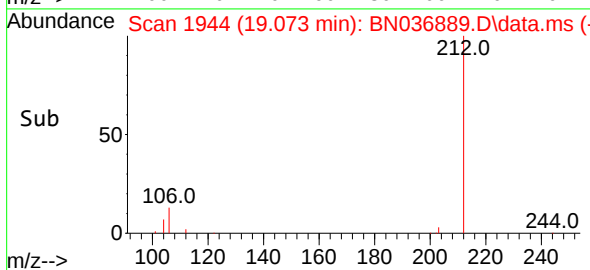
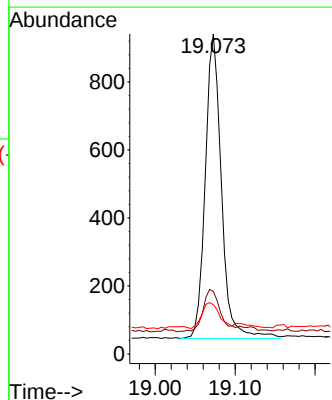
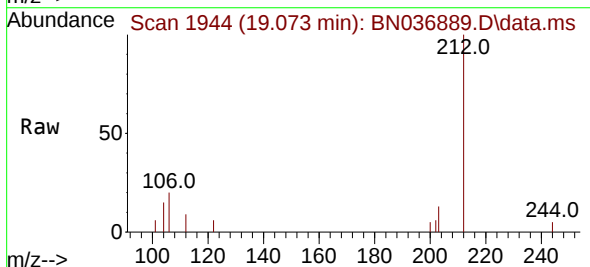
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

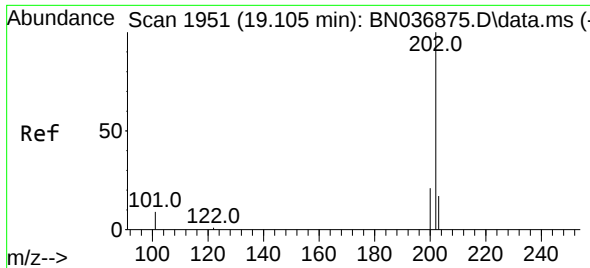
Tgt Ion:178 Resp: 88
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 23.9 12.8 19.2#



#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

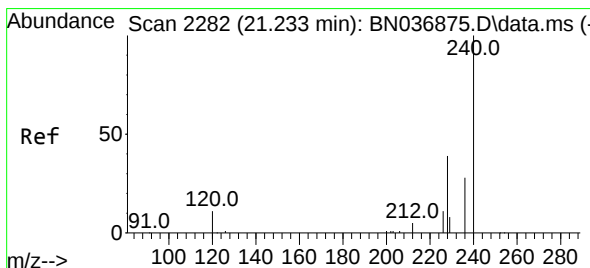
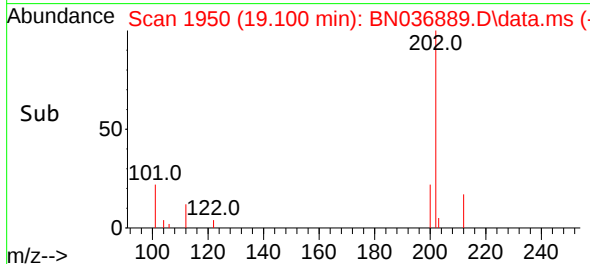
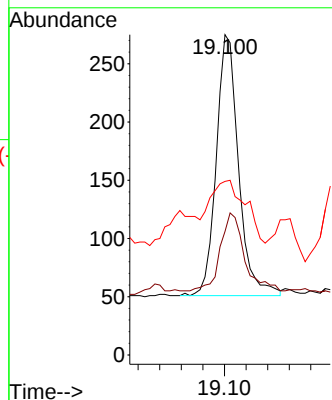
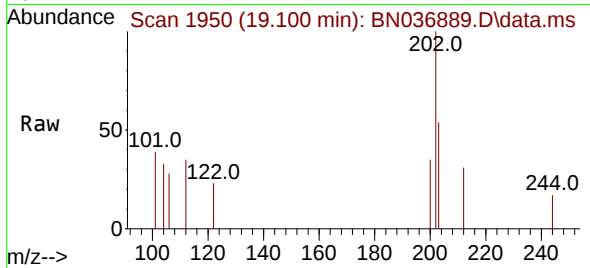




#28
Fluoranthene
Concen: 0.098 ng
RT: 19.100 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

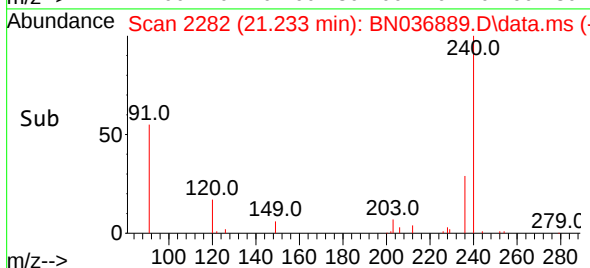
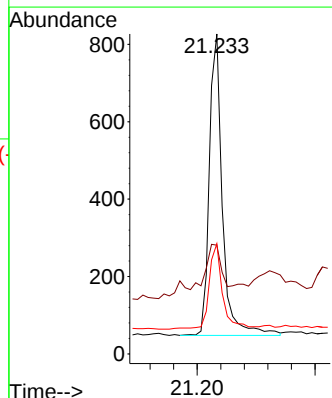
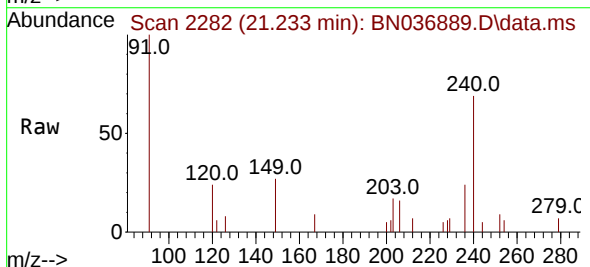
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

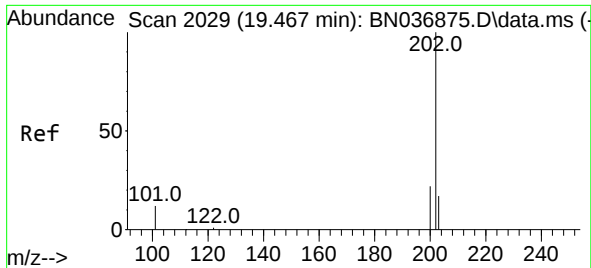
Tgt Ion:202 Resp: 321
Ion Ratio Lower Upper
202 100
101 33.6 8.5 12.7#
203 38.0 13.8 20.6#



#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

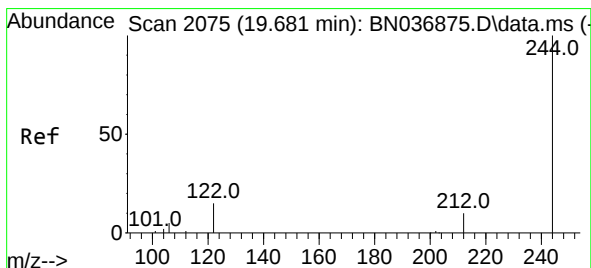
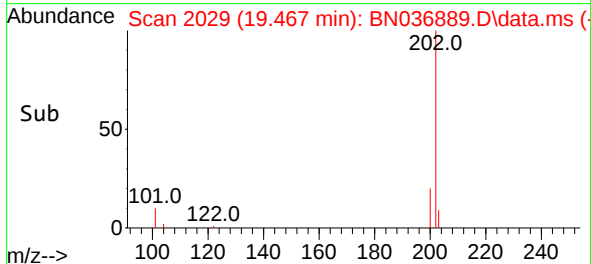
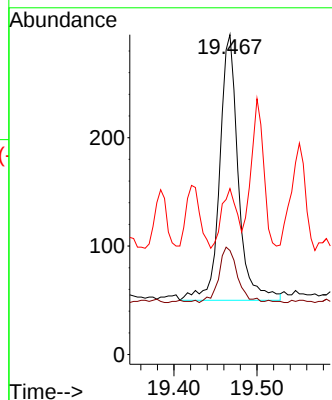
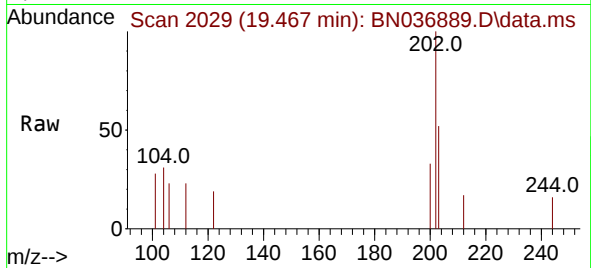




#30
Pyrene
Concen: 0.084 ng
RT: 19.467 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN036889.D
Acq: 11 Apr 2025 21:46

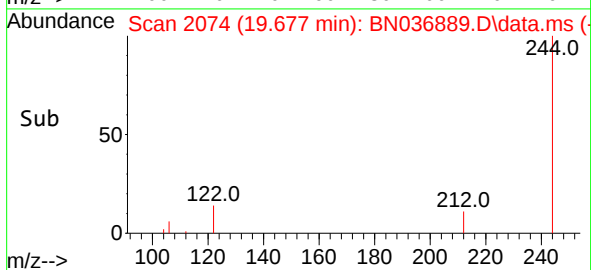
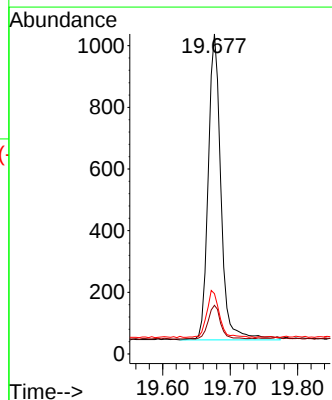
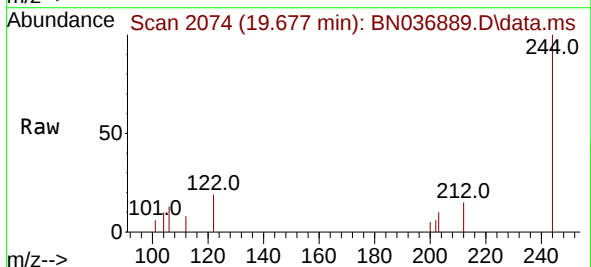
Instrument :
BNA_N
ClientSampleId :
BP-TT-190D2-GW-20250407

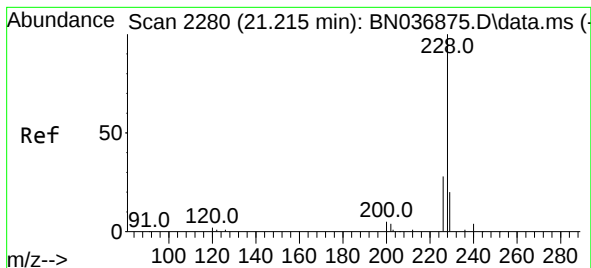
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	18.2	14.5	21.7



#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	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# 21

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

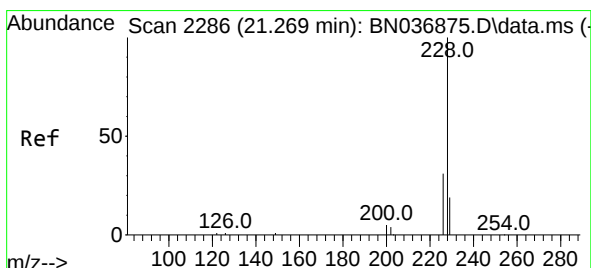
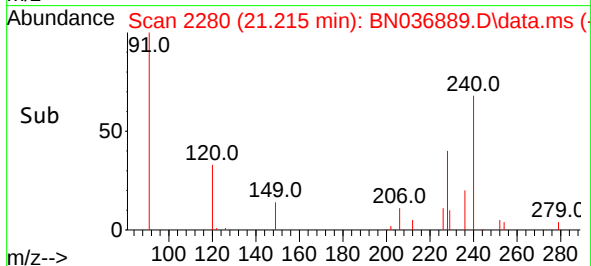
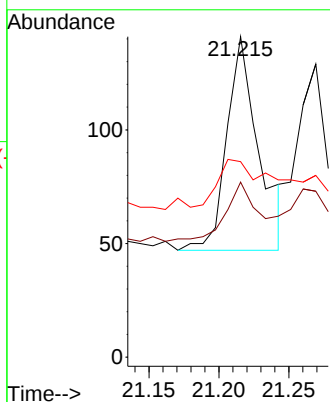
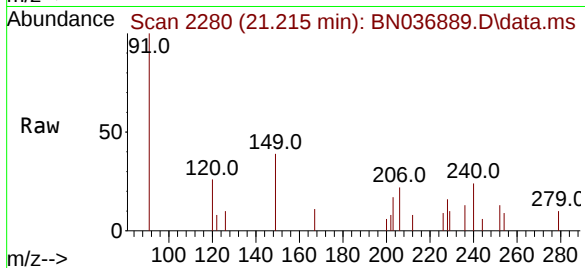
Tgt Ion:228 Resp: 149

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

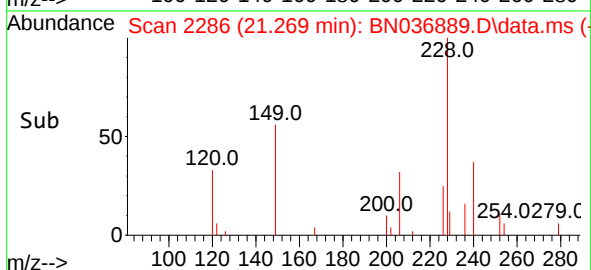
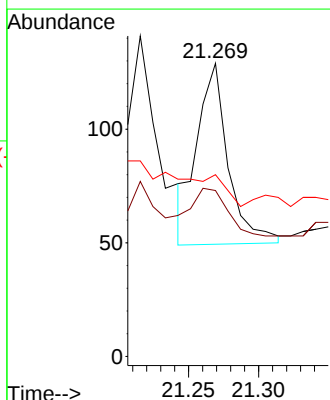
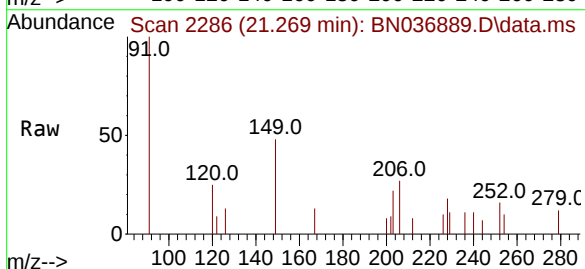
Tgt Ion:228 Resp: 124

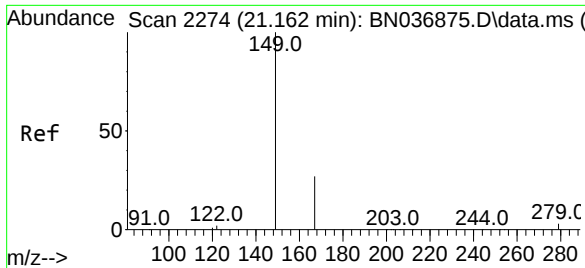
Ion Ratio Lower Upper

228 100

226 56.6 26.1 39.1#

229 62.0 17.0 25.4#

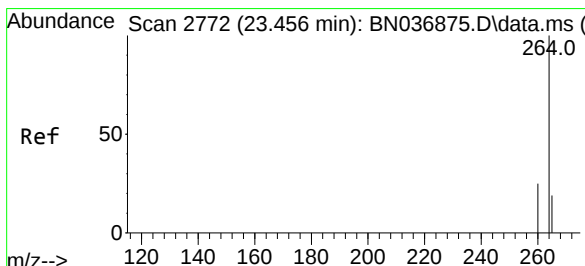
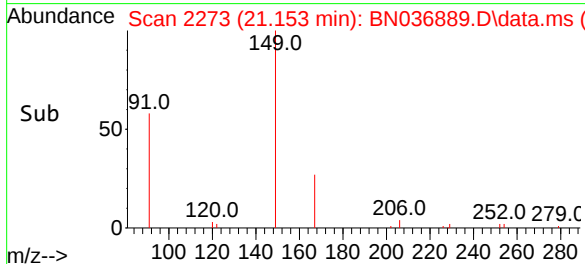
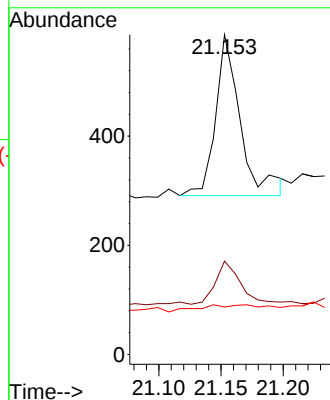
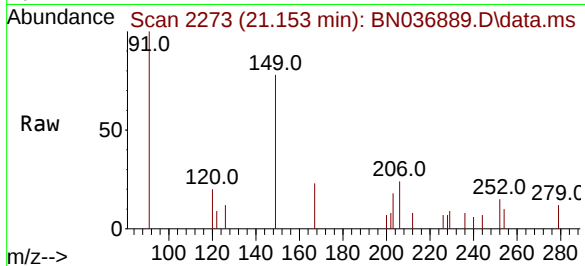




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.131 ng
 RT: 21.153 min Scan# 2116
 Delta R.T. -0.009 min
 Lab File: BN036889.D
 Acq: 11 Apr 2025 21:46

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#

